

Appendix B

Groundwater Sampling Forms and Field Data



FIELD DATA REPORT

**March 2007 Annual Groundwater
And
Former Building 2 WDR Abbreviated Sampling Event
Boeing Realty Corporation
Former C-6 Facility
Torrance, California
March 2007**

Prepared by:

**Tait Environmental Management, Inc.
701 N. Parkcenter Drive
Santa Ana, CA 92705**

April 6, 2007



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

April 6, 2007

Mr. Joseph Weidman
Haley & Aldrich, Inc.
3 West Carrillo St.
Suite 201
Santa Barbara, CA 93101

Subject: Field Data Report for the March 2007 Annual Groundwater and Former Building 2 WDR Abbreviated Sampling Event, Former C-6 Facility, Torrance, California.

Dear Mr. Weidman:

This letter summarizes and presents the field data collected during March 2007 Annual Groundwater and Former Building 2 WDR Abbreviated Sampling Event at the Former C-6 Facility in Torrance California. The groundwater sampling activities were performed in accordance with the following:

- March 2007 Annual Groundwater and Former Building 2 WDR Abbreviated Sampling Plan by CDM for Boeing Realty Corporation (BRC), Date March, 2007
- *Table 1: March 2007 Annual Groundwater and Former Building 2 WDR Abbreviated Sampling Plan, Former C-6 Facility Site, Los Angeles, California, from CDM, Dated March 2007.*

The following is a brief summary of our field activities:

- A total of 67 monitoring wells were gauged for depth to water and total depth on March 12th 2007 and March 30th 2007. These wells were also inspected during gauging for any damage or missing materials. 7 bolts, 12 seals, 3 caps and 10 locks were replaced during the inspection.
- A total of 67 monitoring wells were purged and sampled between March 13th and 28th, 2007 using a Monsoon pump, a Grunfos pump, a Watterra pump, Horiba water tester with flow through cell and Solinst water level meter. WDR wells were sampled using low flow purging methods. As a quality assurance (QA) check on dissolved oxygen (DO) measurements, 10 percent of the samples were analyzed in the field using a CHEMetrics, Inc test kit (K-7512 and K-7501). Ferrous iron testing was performed in all monitoring wells using Hach DR/890 field instrument. Ferrous iron and hydrogen sulfide testing were performed in all WDR wells using Hach DR/890 field instrument.
- A normal turnaround time of 10 days was requested for the lab analysis of all samples.

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April 6, 2007
**March 2007 Annual Groundwater and Former Building 2 WDR Abbreviated
Sampling Event**
Boeing Realty Corporation, Former C-6 Facility, Torrance, California

- Purge water (3,000 gallons) was transported to a storage tank in the treatment compound. Disposal of purge water was completed on March 27, 2007 by KM Industrial.

Please contact the undersigned at (714) 560-8200, if you have any questions or comments. TEM is pleased to be of continued service to Boeing Realty Corporation.

Sincerely,

Tait Environmental Management, Inc.

Carmen Lo
Environmental Analyst

Mehmet Pehlivan, PG, CHG
Senior Hydrogeologist

Cc:

Robert P. Scott, Boeing Realty Corporation
Ravi Subramanian, CDM
Beth Breitenbach, Haley & Aldrich

Attachments:

- A:** March 2007 Annual Groundwater and Former Building 2 WDR Abbreviated Sampling Plan, Laboratory Task Order & Pre-field Checklist
- B:** Daily Field Reports and Daily Health & Safety Sign Off Sheets
- C:** Chain of Custody Records, Gauging Data Sheets, Groundwater Sampling Data Sheets, Field Instrument Calibration Data Sheets & Drum Logs

**March 2007 Annual Groundwater and
Former Building 2 WDR Abbreviated Sampling Plan
(March 1, 2007)
Former C-6 Facility
Boeing Realty Corporation
Los Angeles, California**

Table 1 presents the details of the March 2007 annual and Quarterly WDR groundwater monitoring program as required by the general Waste Discharge Requirements Order No. R4-2002-0030: Series 007. All wells will be gauged prior to collecting groundwater samples to determine static water levels and total well depth. For the 16 WDR wells (13 B-Sand and C-Sand bioremediation monitoring wells and 3 C-Sand groundwater monitoring wells), low-flow purging to maintain uniform flow rates on the order of 0.1 to 0.5 liters/min will be used to collect groundwater samples and minimize disturbance to the groundwater in the well such that drawdown is less than 0.3 foot. Please note that IRZB0081 and IRZB0095, which are 3/4-inch diameter wells need to be sampled with appropriately sized low-flow pump (such as 1/2-inch Durham Geo Mini Bladder Pump or equal). In addition, due to the small size of these wells no water level measurements can be taken during purging. Samples collected from each well will be tested for biogeochemical parameters using a YSI unit, field test kits, and fixed-base laboratory analyses. The YSI unit or equal, with flow through cell, will be used to measure pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), Electrical Conductivity (EC), and temperature. A turbidity meter (Hach 2100P or equal) shall be used to monitor turbidity of the water during purging. Hach, Inc. field test kits will be used to measure ferrous iron (Fe [II]) and hydrogen sulfide for the WDR wells as shown on Table 1. During purging, at least pH, conductivity, turbidity, and DO should stabilize such that three successive readings should be within ± 0.1 for pH, $\pm 3\%$ for conductivity, and $\pm 10\%$ for turbidity and DO. During the purging, a minimum of one tubing volume (including the volume of water in the pump and flow cell) must be purged prior to recording the water-quality indicator parameters. Following field test kit analyses, all groundwater samples will be collected for analysis of volatile organic compounds (VOCs) by EPA Method 8260B. Samples from the WDR wells will also be analyzed for total sulfides by EPA Method 376.1 or approved equal. In addition, samples from Wells DAC-P1, BL-03, MWB013, TMW-15 and TMW-14 will be analyzed for hexavalent chromium by EPA Method 7196A. For wells which are designated for WDR and annual monitoring, the low-flow procedures will be followed as described above. All other procedures, including quality assurance (QA) and data validation, will be as described in the 2007 Groundwater Monitoring Work Plan (CDM, February 5, 2007).

Table 1
March 2007 Annual Groundwater and
Former Building 2 WDR Abbreviated Sampling Plan
Boeing Reality Corporation, Former C-6 Facility
Los Angeles, California

Well ID	Water Bearing Unit	Sampling Order (March 2007) ¹	March 2007 ² Annual Event and WDR Analytical Program							
			Water Level Gauging	VOCs (8260B)	Total Sulfides	Hexavalent Chromium	Field Parameters ³	Dissolved Gases and Minerals ⁴	qPCR	Hydrogen Sulfide (Field Measurement)
B-Sand Monitoring Wells										
BL-03	B-Sand	34	x	x			x	x		
DAC-P1	B-Sand	62	x	x			x	x		
EWB001	B-Sand	65	x	x				x		
MW0005	B-Sand	57	x	x				x		
MWB003	B-Sand	49	x	x				x	x	
MWB006	B-Sand	60	x	x				x	x	x
MWB007	B-Sand	41	x	x				x		
MWB012	B-Sand	26	x	x				x		
MWB013	B-Sand	3	x	x			x	x		
MWB014	B-Sand	25	x	x				x		
MWB019	B-Sand	30	x	x				x	x	x
MWB020	B-Sand	12	x	x				x		
MWB027	B-Sand	27	x	x				x		
MWB028	B-Sand	15	x	x				x		
TMW_04	B-Sand	46	x	x				x		
TMW_06	B-Sand	23	x	x				x		
TMW_07	B-Sand	44	x	x				x		
TMW_08	B-Sand	59	x	x				x		
TMW_10	B-Sand	10	x	x				x		
TMW_11	B-Sand	7	x	x				x		
TMW_14	B-Sand	6	x	x			x	x		
TMW_15	B-Sand	11	x	x			x	x		
WCC_3S	B-Sand	50	x	x				x	x	
WCC_4S	B-Sand	36	x	x				x		
WCC_5S	B-Sand	8	x	x				x		
WCC_6S	B-Sand	64	x	x				x		
WCC_7S	B-Sand	24	x	x				x		
WCC_9S	B-Sand	17	x	x				x		
WCC_12S	B-Sand	19	x	x				x		
XMW-09	B-Sand	18	x	x				x		
XMW-19	B-Sand	1	x	x				x		
C-Sand Monitoring Wells										
CMW001	C-Sand	4	x	x	x			x		x
CMW002	C-Sand	31	x	x	x			x	x	x
CMW026	C-Sand	21	x	x	x			x	x	x
EW001	C-Sand	55	x	x				x		
EW002	C-Sand	56	x	x				x		
IWC001	C-Sand	51	x	x				x		
IWC002	C-Sand	47	x	x				x		
MWC004	C-Sand	38	x	x				x		
MWC006	C-Sand	58	x	x				x		
MWC007	C-Sand	2	x	x				x		
MWC009	C-Sand	33	x	x				x		
MWC011	C-Sand	16	x	x				x	x	x
MWC015	C-Sand	42	x	x				x		
MWC016	C-Sand	43	x	x				x		
MWC017	C-Sand	39	x	x				x		
MWC021	C-Sand	9	x	x				x		
MWC022	C-Sand	20	x	x				x		
MWC023	C-Sand	54	x	x				x		
MWC024	C-Sand	48	x	x				x		

Table 1
March 2007 Annual Groundwater and
Former Building 2 WDR Abbreviated Sampling Plan
Boeing Reality Corporation, Former C-6 Facility
Los Angeles, California

Well ID	Water Bearing Unit	Sampling Order (March 2007) ¹	March 2007 ² Annual Event and WDR Analytical Program							
			Water Level Gauging	VOCs (8260B)	Total Sulfides	Hexavalent Chromium	Field Parameters ³	Dissolved Gases and Minerals ⁴	qPCR	Hydrogen Sulfide (Field Measurement)
Gage Monitoring Wells										
MWG001	Gage	14	x	x			x			
MWG002	Gage	22	x	x			x			
MWG003	Gage	13	x	x			x			
MWG004	Gage	5	x	x			x			
Bioremediation Monitoring Wells										
IRZB0081	B-Sand	29	x	x	x		x	x	x	x
IRZB0095	B-Sand	37	x	x	x		x	x	x	x
IRZMW001A	B-Sand	66	x	x	x		x	x		x
IRZMW001B	B-Sand	40	x	x	x		x	x	x	x
IRZMW002A	B-Sand	63	x	x	x		x	x	x	x
IRZMW002B	B-Sand	28	x	x	x		x	x		x
IRZMW003A	B-Sand	67	x	x	x		x	x		x
IRZMW003B	B-Sand	35	x	x	x		x	x	x	x
IRZMW004	B-Sand	53	x	x	x		x	x		x
IRZMW005	B-Sand	52	x	x	x		x	x		x
IRZCMW001	C-Sand	45	x	x	x		x	x		x
IRZCMW002	C-Sand	32	x	x	x		x	x	x	x
IRZCMW003	C-Sand	61	x	x	x		x	x		x
Quality Control Samples ⁵										
Duplicates (1 per 20 wells)				x (4)						
Rinseate Blanks (1 per day)				x (13)						
Trip Blanks (1 per day)				x (13)						

Notes:

VOCs = Volatile organic compounds by EPA Method 8260B

Total Sulfides by EPA Method 376.1 or EQUAL

Hexavalent Chromium by EPA Method 7196A

Field Parameters = pH, Dissolved oxygen (DO), oxidation-reduction potential (ORP), turbidity, Electrical Conductivity (EC), temperature and ferrous iron

qPCR =Quantitative Polymerase Chain Reaction test for Dehalococoides bacteria

¹ Sampling order for March 2007 is based on the results of the most recent sampling data available for the wells (combination of March 2006

² Groundwater monitoring wells installed in 2006 will be sampled quarterly with the first event performed in November 2006 and the last quarterly event planned for September 2007.

³ As a quality assurance (QA) check on DO measurements, 10% percent of the samples will be analyzed in the field using a CHEMetrics, Inc test kit (K-7512 or K-7540)

⁴ See Section 2.1 of the 2007 Groundwater Monitoring Work plan for Dissolved Gases and General Minerals analyses

⁵ Quality control sample number based on estimated number of sampling days.

LABORATORY TASK ORDER (LTO) FORM (PAGE 2)

ADDITIONAL REQUIRED ANALYSES

LTO DATE: **23-Feb-07**

LTO NUMBER: **LTO-C6SWG0309207**

Consultant Name: Tait Environmental Mgmt.
 Address: 701 North Parkcenter Drive
Santa Ana, CA 92705

Contract Laboratory: Test America
 Address: 17461 Derian Ave., Suite 100
Irvine, California 92614-5817

Contact Name: Carmen Lo
 Phone Number: (714) 560-8614
 Fax Number: (714) 560-8235
 E-mail Address: clo@tait.com

Lab Contact Name: Michele Chamberlain
 Phone Number: (949) 261-1022
 Fax Number: (949) 260-3297
 E-mail Address: mchamberlin@testamericainc.com

SAMPLE CONTAINER ORDER FORM (CONTINUED)

Requested Analyses: (Specify # of Samples)

List Method Name/Number Here	Water	Soil	Vapor

Boeing Pre-Field Activities Checklist

This pre-field activities checklist has been prepared to facilitate compliance with work plans, protocols, permits, and procedures.

Boeing Project Name: BRC- Former C-6 Facility
Field Activity: Groundwater Monitoring and Gauging
Date: 3/07/07
Field Work Start Date: 3/12/07

Contact Information:

Consultant/Contractor (Person & phone #)

Project Manager	<u>Mehmet Pehlivan 714-560-8613</u>
Project Engineer/Scientist	<u>Clara Boeru 714-560-8658</u>
Chief Field Engineer/Technician	<u>Lester Widner 714-657-6386</u>
Health & Safety Officer:	<u>Tom Dixon 714-560-8684</u>
Sampling Technician	<u>Jorge Armendariz 714-719-6897</u>
Other (Field Testing/Data Entry)	<u>Carmen Lo 714-412-9922</u>
Other (Sampling Tech)	<u>Stan Ruskiewicz 714-719-6893</u>

Boeing

Project Managers	<u>Robert Scott 562-497-6176</u> <u>Joe Weidmann (H&A) 805-451-2320 (cell)</u>
Technical Specialist	<u>Ravi Subramanian (CDM) 949-752-5452</u> <u>Beth Breitenbach (H&A) 619-285-7109</u>
Facility Contact: South of Knox	<u>Daniel Hess and Tony Mok (Sunrider) to be notified by H&A</u> <u>Chi Chi Tsai 310-222-9170 (locked areas)</u> <u>Bob Williams –Sunrider onsite contractor 909-200-5690</u>
North of Knox	<u>Jun Heramia (CTSI Logistics) to be notified by H&A</u> <u>Lib Madamba 310-381-9866</u>
South of Francisco Montrose Wells	<u>Robert Hsu (323) 321-2307 or (310) 323-8840</u> <u>Robert Neuman (Earth Tech) (562) 951-2348</u> <u>Or (562) 577-6044 (Cell)-</u> <u>Brian Dean (Earth Tech) (562) 951-2212 or 310-251-0579(cell)</u> <u>Paul Sunberg (Montrose) (209) 474-3617</u>
Permits/H&S Contact	<u>Dennis Carlson (818) 535-7438</u>
Waste Disposal Specialist	<u>Scott Lattimore (562) 593-7156</u>
Legal:	_____
Other:	_____

Subcontractors (as applicable)

- No. 1 TestAmerica Services (949) 261-1022 (Lab Analysis)
- No. 2 KM Industrial, Inc. (562) 983- 5191 (Waste Transport/Disposal)
- No. 3 DemunnoKerdoon: (310)537-7100 (TSDF) Laboratory Data Consultants (760) 634- 0437 (Data Validation)
- No. 4 _____

Work Plans

- Work Plan prepared for work? Yes
- Name of Work Plan & Date. Groundwater Monitoring Work Plan 2007 (Pending).
- Was Work Plan Submitted to a regulatory Agency for approval? Yes
- Was approval received? Pending Date?
- Is Work Plan latest version? Yes
- Type of Work to be performed? Groundwater sampling, gauging and monitoring per the Work Plan, the WDR permit requirements and Sampling and Analysis Plan

Technical/Site-Specific

- Have work locations been marked? Yes
- Are there any obstacles to performing work? No
- If yes-method to clear obstacles?

Health & Safety

- Health & Safety Plan Submitted to Agency? Yes, during previous events
- Health & Safety Plan reviewed by Field Team? Yes
- Proper PPE on Site? Team carries their own
- Extra PPE for Visitors? NA
- Have OSHA Certificates and currency been confirmed for workers? Yes
- Any Excavations? No
If yes, then have geotechnical calculations/considerations been completed? By whom? _____ Third Party & Registered? _____
- Health & Safety Officer Tom Dixon
- Perform subcontractor equipment safety audit prior to work start (guards, safety switches, General equipment condition)
- Pre-Field Tailgate Meetings:
Worker Safety--onsite
Equipment Safety--onsite
- Vehicular Safety--onsite
- Daily Tailgate/Safety Briefings--onsite

- Safety Zones established and how maintained? Yes, Team uses cones to delineate the work area

Utilities (NA)

- Have utilities been researched?
- Are utility plans available?
- Have utility plans been reviewed for work conflicts?
- If yes, what plans _____
- Has site been field-checked for utilities?
- Has DigSafe/DigAlert been notified? Confirmation #: _____ NA _____
- Has independent utility locator service been completed?
- Any overhead utility present that may interfere with work?
- If yes, can work be moved?
- Will hand-augering be conducted? To what depth? _____
- Is any utility lock-out/tag-out needed?
- Other

Legal

- Confirm with Boeing Project Manager that legal issues are in order to perform field work. No legal issue to prevent the field work
- Do Proposition 65 notifications need to be posted at the site? No

Access Agreements

- Confirm with Boeing Project Manager if access agreements are needed. Done
- Are special pre-work notifications required by the access agreements? Yes, Done by Haley and Aldrich and field team to notify tenant before entering the site/property
- Who is the on-Site contact/tele # for work to be performed? Lester Widner (714) 657-6386
- Are copies of access agreements needed on site? No
- Do special work conditions need to be maintained per the access agreement? No
- Are there special work hours per the access agreement? during normal business hours
- Are traffic plans or traffic control necessary for work? No Plans, Use cones and caution tapes around the immediate work area
- Other

Notifications

- Has Boeing Project Manager been notified of the work start date/time? Yes
- Has Boeing Technical Specialist been notified of the work start date/time? Yes
- Has Boeing Permit Specialist been notified of the work start date/time? Yes
- Has Boeing Waste Disposal Specialist been notified of the work start date/time? Yes

- Is Regulatory Agency (ies) notification Required? Yes one week prior to sampling
 - Lead Agency CRWQCB
 - Support Agency _____
 - Local Agency _____
 - Other: _____
- If yes-what advance notice is required?
- Have they been notified? When _____
- Has laboratory been notified of incoming samples?

Permits/Regulatory Agencies/Licenses

- Lead Regulatory Agency/Contact CRWQCB-LA – Ana Townsend
- Additional Regulatory Agencies:
 - Air Quality Agency
 - County Health Department
 - City Health Department
 - City Building Department
- Are permits required for work? Yes
 - Drilling Permit
 - WDR/Waste Discharge Permit Permit Order No. R4-2002-0030. February 4, 2003
 - Excavation Permit
 - Rule 1166 Mitigation Plan/Permit
 - Grading Permit
 - City Business License
 - Other
- Has Boeing Permit Specialist reviewed and approved the permits for performing the work? (NA)**
- Are pre-work notifications required for permits? No
- If yes, which permits and how much advance notice _____
- Are there any conditions in the permit that could stop work?
- If yes, what are the conditions? _____
- Do mitigation measures exist if these conditions occur? _____
- What licenses are required to do work? _____
- Have contractor licenses been verified _____

Waste Management

- Type(s) of waste to be generated. Purged Groundwater
- Anticipated Volume to be generated. 2,800 gallons
- How will each type of waste be stored?

Water Purged into drums, from which water will be transferred and stored in a tank within the SVE compound by the end of each sampling day.

Soil
PPE
Other

- Has Boeing Waste Specialist been notified? Yes Who? Scott Lattimore, and Dennis Carlson
- Have proper containers been coordinated through Boeing Waste Specialist? Yes
- If not-why? _____
- Have proper waste container labels and labeling procedures been obtained from the Boeing Waste Specialist? Field team to provide labels in accordance with the standard waste handling protocol applicable to the site.
- How will waste be profiled? Non-haz pending lab data
- Any special waste handling/disposal needs? Yes (All purge water will be stored in onsite storage tank in the SVE compound. All empty drums need to be stored in SVE compound during sampling and moved offsite after sampling). Waste water will be disposed of by KM industrial using previously established waste profile.

Portal/EDMS

- Have Sample/Object Numbers/Names been obtained from CH2Mhill? N/A Sample ID in accordance with DMP based on Object IDs from the portal. Notified CH2Mhill for sampling Schedule
- Other

Schedule

- Scheduled start date of field work 03/12/07
- Expected duration of field work 12 working days
- Contingency plan if work goes longer Field team is available to complete

Financial

- Has Boeing approved work order for work? Yes, under a general contract
- Is there a potential for scope/cost changes? No
- If yes-is change-order process established with Boeing Project Manager?

Person Filling out Checklist:

Carmen Lo / Mehmet Pehlivan

DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM-2727	Date: 3/12/07
Personnel: PHU TASK	Sub Contractors: NONE	

Task: QUANTIFY GROUND WATER. PICKING EQUIPMENT

Time Arrived at Site: 7:00	Time Left Site: 1500	Total Hours at Site: 8 1/2
Odometer (Start): /	Odometer (End): /	Total Miles: /

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WRA
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: MINI PAB Serial #: 41
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

700 EVERYBODY ON SITE. STARTED AT 5:30 WENT TO LANEY ZONE
 TAILGATE MEETING P/O MATERIAL
 WENT OVER SOI SCOPES OF WORK.
 GEORGE & STAN WILL WORK TOGETHER

Client Signature (if applicable): _____ **Date:** _____

Project Name: FORMER C6	Project #: 13M, 2727	Date: 3/12/07
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8:30 - STAN & GEORGIS WILL WORK SOUTH OF
KNOX ST.
LESTER WILL WORK NORTH OF KNOX ST

9:00 STARTED GRADING

10:30 I FINISHED GRADING.
@ CHECKED WITH STAN & GEORGIS STILL
GRADING HAVE ABOUT 1 HOUR TO GO TODAY

1500 I LEFT TO OFFICE TO P/U SAMPLE CONTAINERS

1545 ARRIVED AT OFFICE. P/U CONTAINER ALSO MEETING
w/ MITCHELL

1630 LEFT TO BISCO P/U EQUIPMENT.

~~1700~~ 1700 LEFT TO HOME DEPOT

1800 HOME DEPOT P/U MATERIAL FOR TOMORROW

~~1830~~ 1900 ARRIVED HOME.

13.5 HOURS.

DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM-2727	Date: 3/13/07
Personnel: W, SA PAUL	Sub Contractors: NONE	

Task: GW PURGING & SAMPLING

Time Arrived at Site: 6:30	Time Left Site:	Total Hours at Site:
Odometer (Start): /	Odometer (End): /	Total Miles: /

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

6:30 GEORGE & I ON SITE TAILGATE MEETING
 7:00 CALIBRATION EQUIPMENT
 7:30 GEORGE LOADS UP HIS TRUCK
 I PUT TOGETHER SAMPLE BUCKETS

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>Former C6</u>	Project #: <u>BU-2729</u>	Date: <u>3/13/07</u>
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815 GEORGE HEADED TO XNW-19 START SETTING UP
Σ FIMSTAD SAMPLE BOTTLES

830 HAD GEORGE STOP.

845 STARTED PURGING

915 - BACK TO COMPOUND. WORKED ON SAMPLE
BOTTLES W/ CARMEN

1000 - CHECK ON GEORGE EVERYTHING OK.

1030 - MAKE WSH MWC-007

1045 LEFT TO SANTA CLARITA

DAILY FIELD REPORT

Project Name: <u>FORMER C-6</u>	Project #: <u>EM-2727</u>	Date: <u>3/14/87</u>
Personnel: <u>WJ, JA Carmon</u>	Sub Contractors: <u>—</u>	
Task: <u>GW PURGING & SAMPLING</u>		

Time Arrived at Site: <u>6:30</u>	Time Left Site: <u>16:00</u>	Total Hours at Site: <u>9.5</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: WRA
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: # 77
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

5:30 LEFT HOME P/W ICE AND GAS
6:30 ARRIVED ON SITE
TAUGATE MEETING
6:45 CALIBRATED EQUIPMENT

Client Signature (if applicable): _____ **Date:** _____

Project Name: Former C6	Project #: EM-2727	Date: 3/14/07
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800 - ~~EM~~ SENT GORGE ON HIS WAY WITH
4 WELLS TO DO TODAY

810 I MADE UP ALL WATER BLANKS.

830 LOADED UP TRUCK WITH EQUIPMENT.

845 SET UP ON WELL WCC-55

910 STARTED PURGING

1040 FINISHED PURGING 61 GALLONS

1042 SAMPLED WELL CLEARED UP.

1100 BACK TO COMPOUND TRANSFER WATER. DECON
EQUIPMENT. CARMEN GAVE BOTTLES FOR NEXT

~~1120~~ WELL

1120 SET UP ON WELL WCC021

1135 STARTED PURGING

1300 FINISHED PURGING. PURGED 63 GALLONS

1302 SAMPLE WELL

1320 CLEARED UP LEFT TO COMPOUND

1330 TRANSFER REWATER INTO COMPOUND TANK
DECON EQUIPMENT

1355 LEFT TO TMW-10

1400 SET UP ON TMW 10

1410 STARTED PURGING

1440 FINISHED PURGING 13 GALLONS

1442 SAMPLED WELL CLEARED UP

1455 LEFT TO COMPOUND

Project Name: FORMER C-6	Project #: EM-2729	Date: 3/14/07
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1500 DECON EQUIPMENT
1510 OFF TRAWLS SET UP
1530 STARTED PURGING PURGED 13 GALLONS
1554 STOPPED PURGING
1555 SAMPLED WELL
1605 BACK AT COMPOUND CLOSED UP
1615 CALIBRATED PID
CHARGED 10.5 HOURS

DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM-2229	Date: 3/15/07
Personnel: CW, JA, SK, CAAM		Sub Contractors:

Task: GW SAMPLING & PUMPING

Time Arrived at Site: 6:30	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

6:00 P/D RCE
 6:30 ARRIVAL ON SITE GEORGE & STAN ON SITE
 Tailgate meeting - DEC CON EQUIPMENT
 Organized equipment

Client Signature (if applicable): _____ **Date:** _____

Project Name: FORMER C-6	Project #: EM-2727	Date: 3/15/07
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700 - MADE UP TO WAY/PR ~~DO~~ BLANK SAMPLES

730 - SENT GEORGE & STAN ON THEY WAY 4 WWS EXACT

GEORGE	STAN
MWB 020	MWC 011
MW6 003	WCC-95
MW6 001	WCC-125
MWB 028	MWC 022

830 - WENT OVER EVERYTHING WITH CARMEN - CHECK ON STAN

930 LEFT SITS. (GEORGE)

1615 ARRIVED BACK ON SITE - TRANSFER SAMPLES FROM (B) TO CORRISON

1630 (UNLOAD) MWC. DISCUSS EQUIPMENT - MEETING W/ CARMEN AND GEORGE

1730 (PREPARE) PAPERWORK FOR TOMMORROW

1830 LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM 2729	Date: 3/16/07
Personnel: WJ, LA GARCIA	Sub Contractors: NOLLS	

Task: GW SAMPLING & AIRBORNE

Time Arrived at Site: 6:30	Time Left Site: 1400	Total Hours at Site: 8.1 hrs
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WPA
- Horiba U-22 Water Quality Meter Serial #: 27
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

6:00 P/U ICE & GAS
 6:30 Arrived at site Tailgate.
 Calibrated equipment
 GAUGED 3 WELLS

Client Signature (if applicable): _____ **Date:** _____

Project Name: FORMER C-1	Project #: CFM-2727	Date: 3/16/07
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700. ~~George~~ ~~Lester~~
 MW022 MWB 012
 WEL-75 MWB 019
 MWB 014 MW009

710 BOTH ~~CO~~ COPT TO WOUS

720 SET UP ON MWB012

740 STARTED PURGING

812 STOPPED PURGING 41 GALLONS

815 SAMPLES CLEANED UP LEFT TO

830 Compound - DISCON EQUIPMENT.

850 LEFT COMPOUND

910 MWB 019 COVER WITH DIRT.

915 WENT MW009 SET UP

925 STARTED PURGING

1010 STOPPED PURGING

1014 TOOK SAMPLES 1016 TOOK DUPLICATED

1035 CLEANED UP LEFT TO COMPOUND
 DISCON EQUIPMENT.

1050 LEFT BL-03. S

1100 SET UP ON BL-03

1125 STARTED PURGING

1143 STOPPED PURGING.

1145 TOOK SAMPLES TOOK 1150 FIELD BLANKS

1200 CLEANED UP LEFT TO COMPOUND



Project Name: FORMER C-1	Project #: EM-2727	Date: 3/16/07
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1210 - HELPED GEORGE AT MW0014.
1230 - BACK TO COMPANY.
UNLOADED TRUCK DECON EQUIPMENT
1310/1310 MADE UP TRIP BLANK, DECON BLANK, EQUIPMENT
1315 - DID PAPERWORK FOR MONDAY
1400 FINISH ~~AND~~ STARTED O&M ON TORRANCE

DAILY FIELD REPORT

Project Name: <u>Former C-6</u>	Project #: <u>EM-2727</u>	Date: <u>3/19/07</u>
Personnel: <u>W, LA Caran</u>	Sub Contractors: <u>NONE</u>	

Task: ~~Groundwater~~ GW SAMPLING AND PURGING

Time Arrived at Site: <u>6:30</u>	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

5:30
6:30 - P/U ICE AND GAS
6:30 - ARRIVED AT SITE - Tailgate meeting

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>Former C-6</u>	Project #: <u>GM 2729</u>	Date: <u>3/19/2007</u>
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2:00 CALIBRATED EQUIPMENT

7:00 - GAVE FOR GEORGE 5 WELLS
 WCC-45 MWCO15
~~MWCO04~~ MWCO6
 MWCO07

7:30 - MAKE UP ~~ALL~~ BLANKS.

8:00 - Help George with well WCC-45

8:30 - ~~LEFT SITE TO SANTA CLARA~~ Checked all well access. MWCO15. AROUND CONSTRUCTION. MAYBE ACCESSIBLE LATER IN THE DAY. PAINTED ALL NUMBERS ON WELLS.

9:00 LEFT TO SANTA CLARA

1:30 ARRIVED BACK ON SITE GAVE GEORGE ANOTHER WELL ALSO STAN - ~~TRIA~~ TMA-04 MWCO2.

TALK TO SUPER - ABOUT WELL BOX COVERS
 TALK TO MOMET. I WILL P/U WELL BOX COVERS FROM SINCLAIR.

1:00 LEFT TO SINCLAIR, ARRIVED AT 17:00 CLOSED.

17:00 LEFT TO BISCO P/U MONSOON PUMPS

~~18:30~~ 18:30 ARRIVED HOME.
 CHARGED 7.5 HRS

DAILY FIELD REPORT

Project Name: <u>FORNBER CT</u>	Project #: <u>EM-2727</u>	Date: <u>3/22/07</u>
Personnel: <u>DW, SA, P...</u>	Sub Contractors: <u>NORIS</u>	

Task: IGN sampling & purging

Time Arrived at Site: <u>6:15</u>	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WRA
- Horiba U-22 Water Quality Meter Serial #: #77
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

5:30 - p/w 105
 6:30 Arrived at site. Tailgate meeting
 DECON AND CALIBRATED EQUIPMENT
 7:00 GORGE SOFT TO MWY 002

Client Signature (if applicable): _____ Date: _____



Project Name: FORMER C-6	Project #: EM-2727	Date: 3/20/07
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8:00 I RECEIVED PHONE CALL ABOUT DAMAGE WITH BOXES IN CONSTRUCTION AREA. TALK TO BOB

WE SUPPLY BOXES THEY WILL SET BOXES

8:20 I LEFT TO SINCLAIR TO P/U BOXES. NO BOXES AT SINCLAIR. LEFT TO TEST AMERICA P/U

6 BOXES.

1000 ARRIVED BACK AT SITE.

1100 GEORGE & I. WORKED ON EXTENDING 4" PIPE ON MWC0015. LEFT BU WELL BOX AT WELL.

TNW-06. WE TRY TO CHIP CONCRETE FROM AROUND 2" PIPE. NO LUCK. TALK TO BOB HIS PEOPLE WILL CHIP CONCRETE FROM AROUND PIPE. ~~IT~~

THEN I WILL EXTEND PIPE.

FINISHED AT 13:00

LESTER CHARGED 4.0 EM-2727-01

GEORGE CHARGED 2.0 EM-2727-01

DAILY FIELD REPORT

Project Name: <u>Former 1-6</u>	Project #: <u>BM-2729</u>	Date: <u>3/21/07</u>
Personnel: <u>LW, JA STAN</u>	Sub Contractors: <u>NONE</u>	

Task: GW Purgling and SAMPLING

Time Arrived at Site: <u>6:30</u>	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WPA
- Horiba U-22 Water Quality Meter Serial #: 477
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

6:30 P/U 105
6:30 Arrived on site Tailgate meeting
Calibration equipment.
7:20 Gave George last 6 High Flow WWSUS

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>Former C-6</u>	Project #: <u>EM-2727</u>	Date: <u>3/21/07</u>
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- 7:30 - WCC-3S, MW0023, EN001, MW005, TMW-08 & BWB 001
- 8:00 STAN SHOWED UP. CALIBRATED HIS EQUIPMENT.
GAVE HIM WELLS MW006, MWB006, DAC-PL
AND WCC-6S (Watters)
- 8:30 LEFT TO LARRY BURCH TO HELP SEARCH
AND WORK ON BLDG 1D
- 1300 ARRIVED BACK AT TORRANCE. CHECKED ON STAN &
GEORGE AND CARMEN ABOUTING DX.
- 1320 WENT TO MW002. SENT DOWN WATER LEVEL
STOPPED AT 90'. SENT DOWN FISH TAPES.
COULDN'T HOOK HOSE IN WELL. ~~WENT~~ WHEN
I SENT DOWN WATER LEVEL, I HIT HOSE. THEN
WENT TO BOTTOM OF WELL
- 1500 TALK TO MARNET & DAVIS. WE WILL WAIT UNTIL
MARNET GETS BACK TO USE US.
- 1510 - MADE UP TRIP WATER BLANKS.
1600. ORGANIZED PAPERWORK FOR TOMMORROW.
MADE UP MAP & SHEET OF WELLS COVER WITH
DIRT OR IN CONSTRUCTION AREA.
- 1830 LEFT SITE ARRIVED HOME AT 1900

DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM-2727	Date: 3/22/07
Personnel: LW, JY, SMW	Sub Contractors: NONE	

Task: ^{Calson} GW SAMPLING + PULGING

Time Arrived at Site: 6:30	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WRA
- Horiba U-22 Water Quality Meter Serial #: #77
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

5:30 P/U 100 AND GAS
 6:30 ARRIVED ON SITE. TAILGATE MEETING
 DECON EQUIPMENT + CALIBRATED EQUIPMENT

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>Former C6</u>	Project #: <u>EM-2727</u>	Date: <u>3/22/07</u>
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6:50 - GAVE GEORGE THE LAST 7 GROUNDWATER WELLS
 MWB028, MWCO11, MWB027, MWB003, IWCO01, TMW08
 AND BWB001. SENT GEORGE ON HIS WAY.

7:10 MADE UP WATER BLANKS

7:40 PUT TOGETHER STAN WELLS FOR THIS DAY.
 WCC-63 (WATER PUMP). TAKEN LOW FLOW W/
 S.S. MONSOON. CMW-001, ~~CMW-003~~ MW/003 & IRZCMW002B.

8:10 STAN CALIBRATED EQUIPMENT. GAVE HIM HIS WELL

8:30 ON HIS WAY. I WENT TO (WV) BOB TO
 GO OVER WELL IN CONSTRUCTION AND COVER W/ DIET
 BARS W/ BOB GUAGE CMW001 - DTB - 124.21
 WCC-045 DTB - 90.21

9:00 BOB IN MEETING. SO I LOOK FOR WELLS
 FOUND AND MARKED IWCO02 AND IRZCMW001
 UNDER DIRT ARE MWB019, ~~MWB017~~ MNC017, CMW026
 UNDER ROCKS IS BWCO02

NEED ACCESS MWCO15 NEED PLYWOOD ON TOP
 OF REBAR.

TMW-06 & IRZCMW003 TRUCKS CAN'T GET CLOSE
 ENOUGH TO SAMPLE & PURGE

10:00 LEFT TO P/V SAMPLING EQUIPMENT TO PURGE & SAMPLE
 CMW002.



Project Name: Former C-6	Project #: EM-2727	Date: 3/22/07
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1100 STARTED PURGING
1120 FINISHED PURGING PURGED 13 GALLONS
1125 SAMPLED WSW. CLEANED UP.
1150 BACK TO COMPOUND DECON EQUIPMENT
PLU SAMPLE BOTTLES TRZCMW002
1210 LEFT TO WSW TRZCMW002
1215 SET UP ON WSW.
1225 STARTED PURGING
1245 STOPPED PURGING PURGED 13 LITERS
1255 SAMPLED WSW.
1300 CLEANED UP. RECEIVED PHONE CALL FROM STAN
STAN ~~AND~~ MONSOON CONTROL BOX NOT WORKING.
I HELPED OUT. NO READING ON DISPLAY. GAVE
1330 STAN MY CONTROL. ~~STAN~~ CALLED MIKE FROM
BISCO. HE'S COMING OUT TO SITE TO WORK
ON CONTROL BOX.
1400 - I DECON MY EQUIPMENT. TRANSFER WATER
INTO COMPOUND. ~~STAN~~ UNLOADED MY TRUCK.
1415 LOOK FOR DONALD. HE ON SITE. TO HAVE
MEETING WITH BOB ABOUT PROBLEM WWS. DIRT
BY CONSTRUCTION AREA WILL COME MONDAY. DIRT
BY MW3019 WILL BE REMOVED BY SATURDAY.
1500 MIKE FROM BISCO ARRIVED WE WORK ON CONTROL
BOX. FIXED B CONTROL BOX.



Project Name: BOE FORMOR C-6	Project #: EM-2727	Date: 3/22/07
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1545 : BACK TO COMPOUND. ORGANIZED PAPERWORK FOR TOMMORROW

1600 LAB STOWED UP STAN (FINISHED) AND GEORGE ALMOST FINISH.

1630 I ~~REAS~~ LEFT SITE TO HOME DEPOT TO P/U MATERIAL FOR TOMMORROW

DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM-2727	Date: 3/23/07
Personnel: LW, JASR, CLEVEN	Sub Contractors: None	

Task: GW PURGED & SAMPLED

Time Arrived at Site: 7:30	Time Left Site:	Total Hours at Site:
Odometer (Start): /	Odometer (End): /	Total Miles: /

Equipment List:

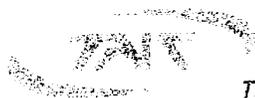
- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WRA
- Horiba U-22 Water Quality Meter Serial #: #7
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

ARRIVED AT 6:30 - P/D ICE

7:15 ARRIVED AT SITE. TAILGATE MEETING
 DECAL EQUIPMENT AND CALIBRATED EQUIPMENT

Client Signature (if applicable): _____ **Date:** _____



Project Name: <u>FORMER C-6</u>	Project #: <u>EM-2729</u>	Date: <u>3/23/07</u>
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745 - MADE WATER BLANK.

GAVE WALS TO

GEORGE STAN

IRZMW003B IRZMW002B

IRZMW001A IRZMW001B

IRZMW002A IRZMW005

IRZMW003A IRZMW004

820 - HELP GEORGE SET-UP WATER

905 TOOK FIELD BLANK (1)

910 LEFT TO SANTA CRUZ

1300 ARRIVED BACK ON SITS. HELP CLEANED UP.
FINISHED UP WEEKLY PAPERWORK.

1600 STARTED ON SYSTEM O&M

DAILY FIELD REPORT

Project Name: <u>FORMER C-6</u>	Project #: <u>EM.2927</u>	Date: <u>3/26/07</u>
Personnel: <u>WJ LA CORNELL</u>	Sub Contractors: <u>NONE</u>	

Task: GW PURGING AND SAMPLING

Time Arrived at Site: <u>6:30</u>	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WRS
- Horiba U-22 Water Quality Meter Serial #: # 77
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

5:30 - P/U 1205 AND GAS.
6:30 ARRIVED AT SITE. NOTICE ON WELLS MWB019
MWCO17. SITE COVERED WITH DIRT. NO WORK WAS
DONE AS PER SP WAS TOLD LAST ~~FRI~~ Friday.

Client Signature (if applicable): _____ **Date:** _____



Project Name: FORMER C-6	Project #: 15M.2727	Date: 3/26/07
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7:45 - TAIL GATE MEETING
CALICATEDS EQUIPMENT. GEORGE WASHED UP TRUCK
I LOOKED AT WELLS MESS SD TO BE DONE.

7:15 GAVE GEORGE # WELLS - IWC001, EW3001,
IR2M004, IR2M005.
HELPED GEORGE GET STARTED. WENT TO GRANSPUR
P/U TUBING FOR W CWB002. RETURN TO SITE
GAVE GEORGE MATERIAL.

9:00 LEFT TO SANTA CECILIA

1330 ARRIVED ON SITE FROM SANTA CECILIA. CHECK ON GEORGE
O.K.

1350 P/U PUMP AND EQUIPMENT TO START PURGING MW6002
HAVE TO WAITONA - PUMP ONLY GO DOWN 90'.

1415 LAY OUT TUBING. MEASURED 165'. INSTALLED
CHECK VALVE. STARTED PURGING

1445 - (P) STARTED PURGING. MY INVERTOR COULDN'T HANDLE
WAITONA PUMP. SWITCH W/ GEORGE'S

1505 - STARTED PURGING.

1640 FINISHED PURGING SAMPLED 31 GALLONS -

1642 TOOK DULP. CLEANED UP TOOL
SAMPLES TO CARLSON.

CLEANED UP TRANSFER WATER TO COMPANYS.

1730 FINISHED



Project Name: Forester C-6	Project #: EM-2727	Date: 3/29/07
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7:15 GAVE GEORGE 4 WELLS TMW-06, MW015
CM W026, IRZCMW003.

My WELLS IRZB0081, IRZB0095, IRZCMW004
IRZCMW005.

SENT GEORGE ON HIS WAY.

7:30 I HAVING A MEETING WITH BOB ABOUT 3 WELLS
COVERED w/ DIRT. DENNIS IS TAKING CARE OF PROBLEM.

7:40 GEORGE NEEDS MORE HOSES. I WENT TO GRANGER
P/U TWO MORE ROLLS.

8:10 ARRIVED BACK AT SITE. CARMEN WILL GIVE HOSES
TO GEORGE

8:15 K+M ARRIVED TO P/U PURGED WATER OUT OF
COMPOUND TANK.

1000 - ~~NOT~~ FINISHED REMOVAL WATER FROM TANK.

1005 - WENT TO WELLS MW019 + MW017.
TO HELP CONSTRUCTED FINE WELLS

1100 FOUND BOTH WELLS. TALK TO GEORGE UNTIL HE FINISH
HE WILL START ON MW017.

11:30 STARTED TO SET UP ON WELL. RAN OVER INVERTOR BY
ACCIDENT. WENT GRANGER P/U ANOTHER ONE.

12:30 BACK AT WELL.

12:45 STARTED PURGING

1:35 FINISHED PURGING PURGED 43 GALLONS

1:50 CLEANED UP. HEADSET BACK TO COMPANY



Project Name: FORMER C-6	Project #: GM-2727	Date: 3/27/07
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1400 - TRANSFER WATER IN TO COMPOUND
1430 LOOK FOR BOB. BOB LEFT FOR THE DAY.
1450 GIVE GEORGE IRZEMWOODS
I'M SITTING UP ON IRZEMWOODS.
COULDN'T FIND WORK COVER WITH DIRT
OPENED IRZEMWOODS. AND BALL VALVE WAS OPEN. AND
TUBING WAS DOWN WELL TRY TO PUSH OUT FOR 1/2 HOUR
COULD NOT GET IT TO NOTIFY HIM
1530 BACK TO COMPOUND MAKE UP ~~THE~~ WATER BLANK.
1614 BACK TO IRZEMWOODS. TO TRY AND PUSH OUT ~~THE~~ TUBING
1700 GOT TUBING OUT OF IRZEMWOODS. CLEANING STARTED
O&M AT C-6



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DAILY FIELD REPORT

Project Name: FORMER C-6	Project #: EM-2727	Date: 3/28/07
Personnel: WJ CARMAN	Sub Contractors:	

Task: GW purging & sampling

Time Arrived at Site: 6:30	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WRA
- Horiba U-22 Water Quality Meter Serial #: #77
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

5:30 - P/U ICE AND GAS
 6:30 ARRIVED ON SITE. HAD MEETING W/ BOB. WE DISCUSSED MOVING CONCRETE PILE COVERING EM3002, NEED ACCESS TO 127MWOOD3 & MWC02.

Client Signature (if applicable): _____ **Date:** _____



Project Name: FORMOR C6	Project #: EM-2727	Date: 3/28/07
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IR2MWOOD
ALSO NEED TO UNCOVER ~~IR2MWOOD~~.

740 LOADED TRUCK WITH EQUIPMENT CALIBRATED EQUIPMENT

810 ~~TALE~~ TAILGATE meeting.

830 LEFT TO CONSTRUCTION ZONE. SET-UP ON

IR2B0081

835 STARTED PURGING

905 FINISHED PURGING

910 SAMPLES CLEANED UP TO CMW026 WOOD

930 SET-UP ON CMW026

940 STARTED PURGING (PURGED 13 LITERS)

1020 FINISHED PURGING 1022 SAMPLED WELL

CLEANED UP DECON EQUIPMENT.

SET UP ON IR2CMWOOD3.

~~1045~~ STARTED PURGING 1125 FINISHED PURGING

1127 SAMPLE WELL 14 LITERS PURGED.

CLEANED UP - DECON EQUIPMENT.

MOVE TO EW002 STARTED SETTING UP.

1210 STARTED PURGING PURGED 73 GALLONS

1303 FINISHED PURGING SAMPLES 1305 & DUL. 1307.

CLEANED UP BACK TO COMPANY. TRANSFER WATER INTO COMPANY DECON EQUIPMENT. WENT IR2MWOOD

SET UP.. PROBLEM WITH PUMP. HAD TO CLEAN OUT MOTOR

1410 STARTED PURGING PURGED 12 LITERS

1433 FINISHED PURGING SAMPLED AT 1435



Project Name: FORMER C-6	Project #: EM-2727	Date: 3/28/07
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Cleaned up. DECON EQUIPMENT: RETURN TO
TR700095. SET UP.

1520 - Started PURGING (1.8 GALLONS) PURGED

1530 - FINISHED PURGING.

1555 - SAMPLED WATER. CLEANED UP WENT TO COMPOUND.

1610 MADE UP WATER BLANK.

1625 DECON EQUIPMENT. CLEANED UP TRUCK AND COMPOUND

~~1630~~ 1630 FINISHED TERRANCE C-6 SAMPLING.



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DAILY FIELD REPORT

Project Name: <u>Former C-1</u>	Project #: <u>EN-2727</u>	Date: <u>3/30/07</u>
Personnel: <u>W, JA</u>	Sub Contractors: <u>NONE</u>	

Task: _____

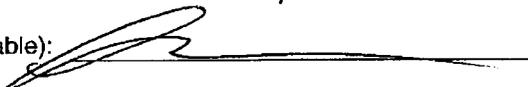
Time Arrived at Site: <u>7:00</u>	Time Left Site: <u>16:30</u>	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: WPA
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

6:00 - P/U ICE AND GAS.
 7:00 ARRIVED ON SITE. CALIBRATED SOLINST.
 8:00 ~~START~~ GAS GAS + R GUAGI-D 65 WRES
 10:00 FINISHED AND CLEANED UP.

Client Signature (if applicable):  **Date:** _____



Project Name: ACT C-6	Project #: ADM-2721-01	Date: 4/02/07
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6:00 LEFT TO C-6. GEORGE & I. TAILGATE MEETING. WE DEEN ALL EQUIPMENT. LOADED UP MY TRUCK WITH ALL EQUIPMENT. LOADED GEORGE'S TRUCK WITH 55 GALLON DRUMS. CLEANED UP COMPOUND

9:30 LEFT TO LONG BEACH. GEORGE'S TO STARTED FI DISASSEMBLING BLEND IT. ~~IT~~ (GEORGE CHARGED 4 HRS)

10:00 I LEFT TO BISCO TO RETURN EQUIPMENT

10:45 ARRIVED AT BISCO.

11:15 LEFT TO OFFICE. DROPPED OFF PAPERWORK TO CARINA.

12:00 LEFT OFFICE TO LONG BEACH MEETING W/ DENNIS AND CARINA.

13:00 LEFT TO TORRANCE. C-6

13:30 ARRIVED AT TORRANCE SET-UP TO TAKE MONTHLY SAMPLES

15:05 STL ARRIVED UP SAMPLES.

15:10 ERIK FROM VALVE ENGINEERING ARRIVED. HE WORKED ON COMPUTER. EXPLAIN REASON WHY SYSTEM WENT DOWN AUTO DILUTION OPEN. IF THERE'S TEMP. DIFFERENTIAL OF 40° AUTO DILUTION OPEN AND SHOULD CALL. ERIK WILL BE BACK THURSDAY TO CHANGE PHONE # ON SENSAPHONE.

16:30 ERIK LEFT.

I TOOK SYSTEM READINGS CHARGED EM-2727-01 - 6.5 HRS
LEFT AT 17:30. EM-2690-02 - 5.5 HRS

DAILY FIELD REPORT

Project Name: <u>BENK TERRACE</u>	Project #: <u>2722-01</u>	Date: <u>3-27-07</u>
Personnel:	Sub Contractors:	

Task: WELL WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: BRUNNERS Serial #: 01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>BENH, TERRANCE</u>	Project #: <u>2727-81</u>	Date: <u>3-27-07</u>
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0630 ARRIVED ON SITE; LOADED & CALIBRATED EQUIPMENT.

- LEFT FOR WELD SAFETY MEETING.

0730 SET-UP AT WELL TMLW06

0808 BEGAN PURGE (12 GALS)

0843 SAMPLE TIME.

- DAY IS WARM & VERY WINDY WITH A LOT OF DIRT IN THE AIR.

0936 ARRIVED AT WELL MWCO15.

- WELL IS ABOUT 40 FT. FROM WHERE VEHICLE AND EQUIPMENT ARE DUE TO WELL BEING IN THE MIDDLE OF A REBAR FRAME SET FOR WHICH THEY LAY CEMENT.

1011 BEGAN PURGING WELL MWCO15 (72 GALS).

1109 SAMPLED WELL

1215 ARRIVED AT WELL MWCO17

1255 BEGAN PURGE (74 GALS)

1343 SAMPLED WELL

1500 SET-UP AT WELL SP2MWCO05

1534 PURGE BEGAN (12 LBS)

1558 SAMPLED WELL

1700 LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BOEAL TAILWATER</u>		Project #: <u>2727.01</u>	Date: <u>3-26-01</u>
Personnel:		Sub Contractors:	

Task: WATER SAMPLE

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: 600W1903 Serial #: 01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6PH1975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>SPRING, TEXAS</u>	Project #: <u>2727-01</u>	Date: <u>3-26-01</u>
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0630 ARRIVED ON SITE ; CALIBRATED & LOADED EQUIPMENT.

• LESTER CONDUCTED SAFETY MEETING

0730 ARRIVED AT WELL FW001

• COULD NOT LOCATE WELL FOR A WHILE BECAUSE IT WAS COVERED BY DIRT AGAIN.

0830 FOUND WELL AND BEGAN TO SET-UP.

0858 BEGAN PURGING (62 GALS).

0937 SAMPLED WELL. (METHMET ARRIVES)

1000 ARRIVED AT COMPOUND TO DECON.

1030 ARRIVED AT WELL TRZC MW001 AND SET-UP.

• AFTER SETTING UP WORKERS ASKED ME IF I COULD MOVE ONT DUE TO WORK BEING DONE AT THAT AREA.

1040 PACKED UP AND LEFT FOR WELL FW001.

• ASKED SECURITY IF VEHICLE COULD BE MOVED FROM ON TOP OF WELL.

1100 BEGAN SET-UP AT WELL. FW001

1132 BEGAN PURGING (128 GALS).

1257 SAMPLED WELL.

1400 ARRIVED AND SET-UP AT WELL TRZC MW001

1439 BEGAN PURGING (15 GALS).

1525 SAMPLED WELL

1621 FINISHED OFFLOADING & DECONTAMINATING EQUIPMENT.

1630 LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BEING, TOLLANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-23-87</u>
Personnel:	Sub Contractors:	

Task: LOW FLOW GROUND WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: GRUNDOS Serial #: 01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>BEING, TERRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-23-07</u>
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0730 ARRIVED ON SITE & PREPARED FOR DAY

- CALIBRATED EQUIPMENT & LESTER HELD SAFETY MTRG.
- SET-UP AT WELL I R2 MW 003A (15 GLS).
- SAMPLED WELL ; DECONNED EQUIPMENT.
- SET-UP AT I R2 MW 003R (15 GLS)
- SAMPLED WELL ; DECONNED EQUIPMENT
- SET-UP AT WELL I R2 MW 001A
- STAN AND I WORKED TOGETHER
- SAMPLED WELL.
- SET-UP AT WELL I R2 MW 002A (15 GLS)
- STAN ASSISTED
- SAMPLED WELL
- ARRIVED AT COMPOUND TO DECON & STORE EQUIPMENT.
- 1500 ATTENDED MEETING WITH LESTER & STAN.
- 1600 LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BOEING TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-22-07</u>
Personnel: <u>JA</u>	Sub Contractors:	

Task: GROUND WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: GRUNDOS Serial #: GP-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>BEING TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-22-07</u>
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0630 ARRIVED ON SITE. LOADED AND CALIBRATED EQUIPMENT

0715 SET-UP AT WELL MWB028 (13 GALS.)

0808 SAMPLED WELL.

0900 SET UP AT WELL MW001

0914 BREAK DOWN; WELL ALREADY SAMPLED.

0930 ARRIVED AT WELL MWB027

0945 FINISHED FISHING TUBING OUT.

1000 BEGAN PURGING WELL (14 GALS.)

1028 SAMPLED WELL.

1110 ARRIVED & SET-UP AT WELL MWB003

1122 FISHED OUT TUBING

1142 BEGAN PURGING (13 GALS.)

1214 SAMPLED WELL

1300 SET UP AT WELL TMW-08

1335 BEGAN PURGE (14 GALS.)

1407 SAMPLED WELL.

1450 SET-UP AT MW002.

• THERE IS A LOT OF SURFACE DIRT AROUND WELL.

• AT TIMES WIND PICKS UP DIRT AND CROSSES MY PATH.; (AT TIMES IT GETS VERY WINDY)

1522. BEGAN PURGING (14 GALS.)

1604 SAMPLED WELL, WIND PICKED UP.

1645 DUMPED TRASH.

1650 1700 LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BOFINE, TORRANOS</u>	Project #: <u>2727-01</u>	Date: <u>3-21-07</u>
Personnel: <u>SA</u>	Sub Contractors:	

Task: GROUND WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: GRUNDS Serial #: GB-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: BEING, TORRANCE	Project #: 2727-01	Date: 3-21-02
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0630 ARRIVED ON SITE. ; LOADED & CALIBRATED EQUIPMENT.

- LESTER CONDUCTED SAFETY MTH.

0715 SET UP AT WELL WCC03S

0745 PURGE WELL (47 GALS)

0815 SAMPLED WELL

- CONTROL BOX WAS GETTING A FAULT DUE TO PUMP

0900 SET-UP AT WELL MW0023

- USED A DIFFERENT GRUNDOS PUMP #74

0941 BEGAN PURGING (46 GALS)

1022 SAMPLED WELL.

1130 SET UP AT WELL EW0001

1200 BEGAN PURGING (54 GAL)

1255 SAMPLED WELL

1400 SET-UP AT WELL MW0005

- WAS VISITED BY DENNIS.

1430 BEGAN TO PURGE (44 GAL.)

1505 SAMPLED WELL.

1600 DECONED & STORED EQUIPMENT, LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: BREWER TORRANCE	Project #: 2727-01	Date: 3-20-07
Personnel: JA	Sub Contractors:	

Task: GROUND WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: GRUNDOS Serial #: GP-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6841975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>REMEDIATION, TARRANTS</u>	Project #: <u>2727-01</u>	Date: <u>3-20-07</u>
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0630 ARRIVED ON SITE. LOADED AND CALIBRATED EQUIPMENT.
• LESTER CONDUCTED SAFETY MEETING
0700 SET-UP AT WELL MW0024
0808 BEGAN PUMPING (74 GPM)
0901 SAMPLED WELL
1000 SET-UP AT WELL WLL033.
• BEGAN RAINING. CARMEN & LESTER AGREED TO STOP SAMPLING.
1030 CLEANED COMPASS & DUMPED WASTE
1100 BEGAN GRABING THREE WELLS.
1145 HELPED LESTER IN RAISING A WELL
1230 LEFT FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BEING, TERRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-19-07</u>
Personnel: <u>JA</u>	Sub Contractors:	

Task: GROUND WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: GRINDERS Serial #: GP-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: LP41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: BOENB, TORRANUS	Project #: 2727_01	Date: 3-19-07
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0630 ARRIVE AT COMPOUND

• LEAD EQUIPMENT LESTER CONDUCTS SAFETY MEETING.

0715 FISH OUT TUBING

0730 FINISHED SETTING UP AT WELL WAC-45.

0800 BEGAN PURGING (47 GLS)

0838 SAMPLED WELL

0900 LEFT FOR COMPOUND.

0940 SET UP AT WELL MW C004

0950 HAVE TO FISH OUT TUBING; ALSO ADDED 20' OF NEW TUBING.

1021 BEGAN PURGING (65 GLS)

1109 SAMPLED WELL.

1145 DECONTAM AT COMPOUND, MET WITH STAN

1215 SET-UP AT WELL AFTER ASKING PERSON TO MOVE VEHICLE (MW B007)

• FISHED OUT TUBING

1251 BEGAN PURGING (15 GLS)

1335 SAMPLED WELL

1400 LEFT FOR COMPOUND.

1430 ARRIVED AT MW C 015 BUT ^(THE WORKERS) THEY HAD PLACED A REBAR FRAME FOR THEIR CEMENT LAYING AREA ABOVE OUR WELL; CONTACTED LESTER.

1445 SET UP AT WELL TMM-07

1502 PURGED WELL (10 GLS)

1517 SAMPLED WELL

1602 AT COMPOUND

1630 LEFT FOR HOME AFTER DECON.

DAILY FIELD REPORT

Project Name: <u>BEING TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-16-07</u>
Personnel:	Sub Contractors:	

Task: GROUND WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: Generators Serial #: GP-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>BEING, TERRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-16-07</u>
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0630 ARRIVED ON SITE AND PREPARED MY TRUCK WITH THE EQUIPMENT.

• LESTER CONDUCTED SAFETY KICK OFF.

0730 SET UP AT WELL MWCO22

0752 BEGAN PURGING (66 GALS.)

0834 SAMPLED WELL.

0930 ARRIVED AT WELL WCC-07S & BEGAN SET-UP.

1038 SCOTT (SAFETY) VISITS AT THIS WELL.

1008 BEGAN PURGING WELL WCC-07S (69 GALS.)

1052 SAMPLED WELL.

1130 ARRIVED AND BEGAN SET-UP AT WELL MWB014

• SCOTT AND CARMEN ARRIVE AT SET-UP.

1206 BEGAN PURGING WELL (44 GALS)

• SCOTT ASKS VARIOUS SAFETY RELATED QUESTIONS THEN LEAVES ABOUT 1230.

1236 SAMPLING TIME.

1300 FINISHED STOWING AND DECONNING EQUIPMENT

1300 - 1400 HAD A MEETING W/ LESTER & CARMEN THEN GO HOME.

DAILY FIELD REPORT

Project Name: <u>BOENK, TORRENCE</u>	Project #: <u>2727-07</u>	Date: <u>3-15-87</u>
Personnel:	Sub Contractors:	

Task: WELL WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: Grundfos Pump Serial #: 608-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

0650 ARRIVAL, LOADS UP, TOOK PART IN TAILGATE.

0822 PULLED MW6 020 & SAMPLED @ 0859

1130 PULLED MW6 001 & SAMPLED @ 1158

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>PEAK, TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-15-07</u>
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0630 ARRIVED ON SITE AND BEGAN LOADING EQUIPMENT

0700 CONDUCTED SAFETY TRAILGATE MTG.

0730 ARRIVED AT WELL MWB 020

0822 BEGAN PURGING (176LS)

0859 SAMPLED WELL

0930 AT COMPOUND RECOGNIZING EQUIPMENT.

1000 SET UP AT MWB-001

- TUBING ABOUT 100' AND NOT LONG ENOUGH SO I HAD TO ADD 100' EXTRA TUBING

1130 BEGAN PURGING (32 GL.)

- MANHOLE HAD BEEN HERE ABOUT 15 MIN. PRIOR.

1158 SAMPLED.

- NEED TO ADD 100' OF TUBING NEXT VISIT.

1247 LEFT COMPOUND AFTER DECON.

1320 LEFT MWB 003 DUE TO IT BEING LOW FLOW.

1330 SET UP AT WELL MWB 028

1331 MWB 028 IS LOW FLOW (PICKED UP)

1347 SET UP AT WELL MWB 022.

- HAVE TO FISH TUBING

1420 BACK TO WELL WITH 200' OF NEW TUBING

- HIT OBSTRUCTION AT ABOUT 90' DOWN
- PULLED PUMP UP AND TRIED TO FISH OBSTRUCTION AGAIN; NO LUCK

1500 LEFT WELL MWB 022.

Project Name: <u>POISING TOLLANCE</u>	Project #: <u>0727-01</u>	Date: <u>3-15-07</u>
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1530 ARRIVED AT WELL TMW-06

- ON 3-12-07 WE NOTED THIS WELL TO BE DAMAGED AND MADE NOTE OF.
- WELL LID AND RING THAT THE LID SITS ON WAS NOT ATTACHED TO THE GROUND SINCE THE CONCRETE IT WAS SITTING ON WAS PREVIOUSLY WORKING.
- NO CAP WAS PLACED ON 2" PVC AND THERE WAS SURFACE DIRT ROCKS INSIDE TOP OF PIPE. (TAPED TOP OF PVC WITH DUCT TAPE).
- I NOTIFIED CARMEN AND MELBAET TO SEE IF WE WANTED TO SAMPLE WELL.
- NO SAMPLING IT WILL NEED TO BE RE-DEVELOPED.

* DTB: 78.75

1600 ARRIVED ON COMPOUND TO OFF LOAD.

1645 LEFT COMPOUND FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BEING TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-14-07</u>
Personnel: <u>JA/LW</u>	Sub Contractors:	

Task: WELL WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: Grundfos Pump Serial #: 6P-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Client Signature (if applicable): _____ **Date:** _____

Project Name: <u>BEEING TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-14-07</u>
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0630 ARRIVED ON SITE

• LOADED SAMPLING MATERIAL, RAINED OUT, & TOOK PART IN TAIL GATE MEETING
0800 ARRIVED AT WELL MW 8 013 AND BEGAN SET-UP.

0900 DENNIS ARRIVES ON SITE.

• U-22 WATER LEAKS SLIGHTLY AT O-RING

0908 SAMPLED WELL, LEFT AFTER PICK UP TO COMPOUND.

1000 SET UP AT WELL MW 6 004

1043 BEGAN PURGING

1145 SAMPLED WELL

1230 CLEANED AND LEFT WELL FOR COMPOUND.

1300 ARRIVED AT WELL TMW-14

• TRIED TO FISH OUT ANY TUBING; NO TUBING

1345 BEGAN PURGE BECAUSE HAD TO REMOVE OLD TUBING THAT WAS CUT TO
SHORT & HAD TO BE FISHED OUT. INSTALLED NEW TUBING.

1340 STARTED PURGING

1402 SAMPLED WELL

1439 AT COMPOUND TO DECON.

1522 ~~SAMPLED~~ SET UP & SAMPLED TMW-11

1638 ~~1538~~ FINISHED DECON & CLEAN UP AT COMPOUND.

1645 LEFT COMPOUND FOR HOME,

DAILY FIELD REPORT

Project Name: <u>BOEING TORRANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-13-07</u>
Personnel: <u>JA/LW</u>	Sub Contractors:	

Task: WELL WATER SAMPLING

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: Grundfos Pump Serial #: 6P-01
- Generator Type: _____ Serial #: _____
- Company Truck License #: 6P41975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

0636 ARRIVAL, MET W/LESTER 1400 SET UP AT WELL MW-07
CONDUCTED TAILGATE MEETING 1700 LEFT FOR HOME
0750 MET W/EARTH TECH AT WELL XMW-19
1110 MET W/EARTH TECH AT XMW-09

Client Signature (if applicable): _____ Date: 3-13-07



DAILY FIELD WORK REPORT

(continued)

PROJECT NAME C-6 FACILITY TORRANCE	PROJECT NUMBER EM 2727-01
REPORT DATE 3-13-07	PREPARED BY JOE ARMSTRONG

0630 MET WITH LESTER AT COMPOUND

0750 MET WITH EARTH TECH AT WELL # XMW-19

0800 SET UP AT WELL.

• THERE WAS A LOW FLOW PUMP IN WELL IN ADDITION TO THE DEDICATED TUBING.
0845 BEGAN PURGING.

1017 SAMPLED WELL AND BROKE DOWN

1045 EARTH TECH & GREGG ASK ME TO REMOVE DEDICATED TUBING

1053 LEFT TO DECON.

1110 ARRIVED AT WELL # XMW-09

1130 BEGAN SET UP AT WELL.

1214 ~~BEGAN~~ BEGAN PURGING WELL

1322 SAMPLED WELL

1330 CLEANED AND PICKED EQUIPMENT.

• REMOVED DEDICATED TUBING FROM WELL AS PER EARTH TECH POP.

• NEW LOCK WAS INSTALLED ON TO WELL CAP.

1400 SET UP AT WELL MWC007

1434 BEGAN PURGING WELL.

1540 SAMPLED WELL. , ALSO REMOVED DEDICATED TUBING AS PER EARTH TECH.

1600 LEFT TO DECON AND STORE MATERIAL

1700 LEFT COMPOUND FOR HOME.

DAILY FIELD REPORT

Project Name: <u>BEING TOLERANCE</u>	Project #: <u>2727-01</u>	Date: <u>3-12-07</u>
Personnel: <u>JA/S</u>	Sub Contractors:	

Task: GRUBING WELLS

Time Arrived at Site:	Time Left Site:	Total Hours at Site:
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: 44249
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: 01
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: GRUNGE Serial #: _____
- Generator Type: _____ Serial #: GP-01
- Company Truck License #: 6P4 1975
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

0700 ARRIVED ON SITE, LESTER DAND NOTED SAFETY CHECK OFF
0750 MET WITH EARTH TECH AT WELL XMW-19
1600 ENDED GRUBING, DROPPED, LEFT FOR HOME.

Client Signature (if applicable): _____ Date: _____

Project Name: BOEING TORRANCE

Project #: 2727-01

Date: 3-12-07

0700 ARRIVED AT COMPANY

• LATER CONDUCTED SAFETY LICK OFF WITH CARMELO & MEXIMET.

0750 MET EARTH TECH FOR GAUGING AT WELL XMIU-19, AND
AFTER GAUGED XMIU-09 WITH EARTH TECH.

0900 CONTINUED GAUGING VARIOUS OTHER WELLS.

• MADE SURE WE USED CHECKLIST TO MENTION OR LIST
ANY WELL PROBLEMS.

1545 GAUGED LAST WELL & HEADED FOR COMPANY TO DECON & STORE.

1600 LEFT AREA.



DAILY FIELD WORK REPORT
(continued)

PROJECT NAME <u>LENAR</u>	PROJECT NUMBER <u>Em 27530-04 / Em 27810-01</u>
REPORT DATE <u>3-7-07</u>	PREPARED BY <u>JULIE ARMENOWICZ</u>

0630 ARRIVE AT ROOM 109

• TRIED OUT KEYS, THEY WORKED FINE.

1030 DONE WITH INPUTTING ASBESTOS DATA ON TO LAP TOP.

• HAD CALLED PAUL AND HE SAID THERE WAS NO MORE DATA.

1100 FINISHED PAPER WORK.

1130 MET WITH DAN TO PICK UP GENERATORS.

1300 LEFT EL TORDO WITH RENTAL GENERATOR TO RETURN TO BISCO.

1310 ARRIVED TO SANTA ANA OFFICE TO GIVE PAUL FEED BACK.

1330 LEFT BISCO.

769651

2

DAILY FIELD REPORT

Project Name: <u>Torrance WDR & Quarterly Sampling</u>		Project #: <u>EM2727</u>	Date: <u>03/12/07</u>
Personnel: <u>CL</u>	Sub Contractors: <u>-</u>		

Task: Gauging Event

Time Arrived at Site: <u>7:00</u>	Time Left Site: <u>12:00</u>	Total Hours at Site: <u>5</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): _____

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:00 Arrived Site at 7:00
7:15 Health & Safety Meeting
7:45 Catherine called & Gauged (Earthtech)

Client Signature (if applicable): _____ Date: _____

Project Name: <u>Torrance WDR & Quarterly Sampling</u>	Project #: <u>EM2727</u>	Date: <u>03/12/07.</u>
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XMW-19 & XMW 9 on the site
left site At 12:00 & Head Back
to the office to set up sampling
event for tomorrow

DAILY FIELD REPORT

Project Name: C-6 Torrance	Project #: EM2727	Date: 03/13/07
Personnel: CL.	Sub Contractors:	

Task: Conducting Groundwater Sampling Event

Time Arrived at Site: 7:30	Time Left Site: 17:00	Total Hours at Site: 9.5
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Hack DR1890 & Computer
Computer

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived at 7:30 Stopped by get ice & water.
8:00 Prepared Bottles for today Sampling Event.

Client Signature (if applicable): _____ **Date:** _____

Project Name: C-6 Torrance	Project #: EM727	Date: 03/13/07
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10:00 COC & ECOC

10:20 Ferrous Iron Test for ~~08~~
XMW-19

10:30 Continued ECOC

13:25 Ferrous Iron Test for XMW-09

13:45 Continued ECOC

15:45 Ferrous Iron Test for
MW007

16:00 Finalized ECOC & COC

16:30 B. Lab picked up
Samples

16:45 packed and Left the
Site

DAILY FIELD REPORT

Project Name: <u>C-6 Torrance</u> <u>March 14th 2007</u>	Project #: <u>EM2727</u>	Date: <u>03/14/07</u>
Personnel: <u>CL</u>	Sub Contractors: <u>-</u>	

Task: Conducting Groundwater Sampling

Time Arrived at Site: <u>7:30</u>	Time Left Site: <u>16:45</u>	Total Hours at Site: <u>~8.5</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Hack / DR 890 & Computer
Chemetrics, Inc Test kits

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Got ice

8:00 Prepared Bottles & Labels

9:00 - 13:00 Conducting Ferrrous Iron Test on site

Client Signature (if applicable): _____ Date: _____

Project Name: C-6 Torrance EWS March 2007	Project #: EM2727	Date: 03/14/07
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Doing ECOC & COC

~~to~~ Entering Gauging & FM & SL
Data on site.

13:30 - 15:00 Ferrrous Iron Test
Data Entry.

16:00 Ferrrous Iron Test +
familiarized ECOC & COC

16:15 Lab picked up samples

16:30 Cleaned up

16:45 Left the Site.

DAILY FIELD REPORT

Project Name: C-6 Torrance March 20 th 7 GWS	Project #: EM 2727	Date:
Personnel: CL	Sub Contractors: -	

Task: Conduct GW Sampling

Time Arrived at Site: 7:30	Time Left Site: 16:45	Total Hours at Site: ~9.5
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____

Other(s): Hack DR1890 + Computer +
Do Equipment Chemetrics Test kit.

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Stopped by Wal-mart &
get ice

7:45 Prepping Labels & Bottles
Ready for the team

Client Signature (if applicable): _____ **Date:** _____

Project Name: C-6 Torrance
March 2007 (70) Project #: EM2727 Date: 03/15/07.

8:00 - 9:00

COC

Talked to Luster W
about LB Sampling Event.
Ferrous Iron Test

9:00 - 10:00

ECOC

Data Entry
Ferrous Iron + Hydrogen
Sulfide Test.

Doing DO Test on
WCC-9S.

10:00 - 11:00

Data Entry.

ECOC

COC

Ferrous Iron Test.

11:00 - 15:00

Data Entry

ECOC COC

Ferrous Iron Test.

~~15:30~~ 15:30

Jorge A. found out ~~to~~ TMW-06
is full of dirt & sand in well.
unable to be sampled & notified.
Mehmet P.

16:00

Wrapped up.

16:10

Lab picked up samples.

16:30

Cleaned up

16:45

left site

DAILY FIELD REPORT

Project Name: March GWS 2007 C-6 Torrance	Project #: EM2727	Date: 3/16/07
Personnel: CL	Sub Contractors: —	

Task: Conducting GWS.

Time Arrived at Site: 7:30	Time Left Site: 13:30	Total Hours at Site: 6
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Computer Hatch DR1890 +
DO Equipment

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 get ice & water.
 7:45 set up Computer
 8:00 Bottles & Labels
 8:00 - 11:00 Ferrus Iron Test

Client Signature (if applicable): _____ **Date:** _____

Project Name: C-6 Torrance GWS March 2007,	Project #: EM2727	Date: 03/16/07.
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ECOC COC & Data Entry

11:00 Scott B (TACT) came by the site & checked out the Health & Safety for the Team.

11:30 - 1:30 Fenous Iron Test
finalize ECOC & COC.
Clean up &
prepare for Monday
Event

1:30. Left site & dropped samples to TA.

DAILY FIELD REPORT

Project Name: <u>March 2007 GWS. Event C-6 Tinnah</u>	Project #: <u>EM2727</u>	Date: <u>03/19/07.</u>
Personnel: <u>CL</u>	Sub Contractors: <u>-</u>	

Task: Conducting groundwater sampling

Time Arrived at Site: <u>7:30</u>	Time Left Site: <u>4:30</u>	Total Hours at Site: <u>8</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____

Other(s): Computer, Hatch DR1890, & VO Equipment, Chemistcs Test kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Got ice.
7:45 Set up & Prepared containers
8:40 - 10:40 Farrow Iron Test
ECOC, TOC, Data Entry.

Client Signature (if applicable): _____ Date: _____

Project Name: <u>March 2007 GWS. Event C-6 Tirtara</u>	Project #: <u>EM 2727</u>	Date: <u>3/19/07</u>
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11:00 - 16:00 Talked to Mehmet P regarding to the wells of the list CDM sent us.

Talked to Stan R & Lester W. for sampling today.
Ferrous Iron Test.

~~16:00~~ Talked to Lester W & Mehmet P for well arrangement this week.
Ferrous Iron Test

Data Entry
Finalized CAC & EOC.

16:15 Lab picked up samples.
16:30 cleaned up & left the site.

DAILY FIELD REPORT

Project Name: <u>March 07 GWS C-6 Torrance</u>	Project #: <u>EM2727</u>	Date: <u>03/20/07</u>
Personnel: <u>CL</u>	Sub Contractors: <u>-</u>	
Task: <u>Conducting GWS Sampling</u>		

Time Arrived at Site: <u>7:30</u>	Time Left Site: <u>12:00</u>	Total Hours at Site: <u>5.5</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Computer, Hack DR 890, DO
Equipment Chemestric Test kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Got ice in water
7:45 - 9:30 Prepared Bottles
GWC, COC
Data Entry

Client Signature (if applicable): _____ Date: _____

March 2007
Project Name: GWS C-6 Terrain Project #: EM2727 Date: 31 2/07

Ferrous Iron Test

9:30.

Data Entry, ECOC, COC
Clara B. Called and asked
for Data from Lester.

10:00

Started raining.
talked to Lester W & Nick M
(TA) to notify them to
drop off samples to Lab
today.

10:30

Cleaned up & finalized
ECOC & COC.

11:15

left site & head to
office in the Lab

DAILY FIELD REPORT

Project Name: C-6. Torrance GWS Event	Project #: EM2727	Date: 3/21/07
Personnel: CL	Sub Contractors: -	

Task: Continue conducting groundwater sampling.

Time Arrived at Site: 7:30	Time Left Site: 4:45	Total Hours at Site: ~9.5
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____

Other(s): Haack DR1890, Computer & DO Equipment Chemistry kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Got ice
7:45-12:45 Prepared Bottles
EiOC, COC
Data Entry + Email.

Client Signature (if applicable): _____ **Date:** _____

Project Name: C-6 Torrance GW Sampling	Project #: EM 2727	Date: 03/21/07
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Ferrous Iron Test

11:03 Do Test for MWB006 (Result
12:45 - 3:30 Ferrous iron test 21-2 mg/l

in Talked to Mehmet P.
about gauging data
Arranged the team
re-gauge 9 wells.
ECOC, COC, Data
Entry.

3:45 Back to Compound in
finalize ECOC COC in
double check samples.

DAILY FIELD REPORT

Project Name: C-6 borance EWS Event	Project #: EM2727	Date: 03/22/07
Personnel: CL	Sub Contractors: -	

Task: Continued Conducting EWS

Time Arrived at Site: 7:30	Time Left Site: 14:45	Total Hours at Site: ~9.5
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Hack DR1890 Computer &
Chemestics Test kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Get ice & water.
7:45 Prepared sample bottles.
Data Entry
ECOC, COC

Client Signature (if applicable): _____ **Date:** _____

Project Name:	C-6 Torrance March 07 GWS.	Project #:	EM 2727	Date:	03/22/07
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8:00 - 10:00

Ferrous Iron

Bottles Prepare

ECOC, COC, Data Entry.

10:00 - 12:00

Ferrous Iron, Hydrogen

Sulfide, DO Test

ECOC, COC Data Entry.

12:00 - 15:00

Ferrous Iron, Hydrogen

Sulfide, ECOC, COC

Data Entry.

15:00 - 14:45

Ferrous Iron, Hydrogen

Sulfide

finalizes ECOC, COC.

Lab pick up samples.

Clean up &

Left Site

DAILY FIELD REPORT

Project Name: <u>C-6 TORRANCE</u> <u>GWIS March 2007</u>	Project #: <u>EM 2727</u>	Date: <u>03/23/07</u>
Personnel: <u>CL</u>	Sub Contractors: <u> </u>	

Task: Conduct GWIS.

Time Arrived at Site: <u>7:30</u>	Time Left Site: <u>15:15</u>	Total Hours at Site: <u>~8.5</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____

Other(s): Hack DR 1890, Computer Chemistatics
Test Kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Water & Ice.
7:45 Prepared Bottles
EOC
COE

Client Signature (if applicable): _____ Date: _____

Project Name:	C-6 TIRARCE CWS March 2007	Project #:	EM2727	Date:	03/23/07
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8:00 Ferrrous Iron, Hydrogen Sulfide.
Talked to Nick M (TA)
for TOC, Total Sulfide &
Ammonia Bottles for next
week Event.

8:30 Carrier (TA) stopped by &
dropped off material for
today.
Talked to Lester W. regarding
to containers

9:00-12:00 set up computer for COC, TOC
& Data Entry.

Ferrrous Iron / Hydrogen Sulfide
Test & DO Test on Site.

10:15 left Site & dropped off
samples to TA.

DAILY FIELD REPORT

Project Name: <u>C-6 Torrance</u> <u>March 07</u>	Project #: <u>EM2727</u>	Date: <u>3/26/07</u>
Personnel: <u>CL</u>	Sub Contractors: <u>-</u>	

Task: Conduct GWS.

Time Arrived at Site: <u>7:30</u>	Time Left Site: <u>17:00</u>	Total Hours at Site: <u>~9.5</u>
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Computer, Hack DR1890, Chemistries
Test Kit.

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Got ice.

7:45 Prepared Bottles / ECo / COC /
Data Entry.

8:00 Ran to Compound Deliver

Client Signature (if applicable): _____ Date: _____

Project Name: C-6 Torrance GWS March 2007	Project #: EM2707	Date: 03/26/07
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flow-cell to Jorge A.
Talk to Nick Ma (TA) for containers.
delivery + Containers for Dissolved
Mn + Total Alkalinity + Anions.
for today sampling
Mehmet P. stopped by &
talked about the
schedule today.

9:00 - 16:00 Ferrous Iron / Hydrogen Sulfide
Test
DO Test
ECDC
COC

16:00 - 17:00 Deliver Pure water to Lester.
Ferrous Iron Test for
Mn6000
Lab picked up samples. -
cleaned up & left
site.

DAILY FIELD REPORT

Project Name: C-6 Torrance GWS March 07	Project #: EM2727	Date: 3/27/07
Personnel: CL	Sub Contractors: -	

Task: Conduct GWS

Time Arrived at Site: 7:30	Time Left Site: 5:17:00	Total Hours at Site: ~10
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Hack DR/890, Computer Chemistries
Do Test kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Ice & water from Wal-Mart
 7:45 Prepared Bottles + labels
 8:30 Ferron Test / Hydrogen Test
 Setting up computer

Client Signature (if applicable): _____ **Date:** _____

Project Name: C-6 Torrance GWS March 07	Project #: EM2727	Date: 03/27/07
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8:30 - ~~16~~30 Ferrrous Iron, Hydrogen
Sulfide, DO Test on
Site

Data Entry.

COC, ECOC

Lab pick-up &
material refill
management.

~~16~~45

Lab pick up samples

17:00

Clean up & Leave

DAILY FIELD REPORT

Project Name: C-6 Torrance March 6 7 GWS	Project #: EM2727	Date: 3/28/07
Personnel: CL	Sub Contractors: _____	

Task: Conducting GWS

Time Arrived at Site: 7:30	Time Left Site: 17:00	Total Hours at Site: 29.5
Odometer (Start):	Odometer (End):	Total Miles:

Equipment List:

- Solinst Water Level Meter Serial #: _____
- Solinst Water/Product Level Interface Meter Serial #: _____
- Horiba U-22 Water Quality Meter Serial #: _____
- PID/FID Type: _____ Serial #: _____
- Submersible Pump Type: _____ Serial #: _____
- Generator Type: _____ Serial #: _____
- Company Truck License #: _____
- Other(s): Computer Hack DR 1890
Chemistries DO Test Kit

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

7:30 Get ice & water
8:00 ECOC, COC set up
Computer
Prepare Labels & Bottles.

Client Signature (if applicable): _____ **Date:** _____

Project Name: ^{C-6 Torrance} GWS March 07	Project #: EM2727	Date: 03/28/07
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9:00 - 13:00

ECOC, COC

Data Entry

Ferrous Iron, Hydrogen Sulfide, DO Test on site

13:00

Got call from Clara B.

13:30

Went back to the office (Santa Ana) to get stuff for test for Santa Carita Project.

15:30

Back to Torrance

Continued doing on site test. finalized ECOC & COC.

17:00

Cleaned up & Left.



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM- 27270 -27270-01
Site/Area Location/Well ID: GW GAUGING	
Date(s) Work Performed: 3/12/07	Time: 7:30
Name Of Person Giving Tailgate Print Name: LESTER WIDNER Signature: <i>[Signature]</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: TRAFFIC, WEATHER	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/12/07	Carmelo	TAIT	<i>[Signature]</i>
3/12/07	JOSE ARMENDARIZ	TAIT	<i>[Signature]</i>
3/12/07	STAN RUSZKIEWICZ	TAIT	<i>[Signature]</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM-2927-01
Site/Area Location/Well ID: GW SAMPLING AND PURGING	
Date(s) Work Performed: 3/13/07	Time: 6-30
Name Of Person Giving Tailgate Print Name: LESTER WIDNER Signature: <i>Lester Widner</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: HEAT PROTECTIVE OF WATER, SLIP TRIP & FALL	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/12/07	LESTER WIDNER LESTER WIDNER	Tait	<i>Lester Widner</i>
3/13/07	JANE ARMSTRONG	TAIT	<i>Jane Armstrong</i>
3/13/07	Carmen Lo	TAIT	<i>Carmen Lo</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM 2727
Site/Area Location/Well ID: GW PURGING + SAMPLING	
Date(s) Work Performed: 3/15/07	Time:
Name Of Person Giving Tailgate Print Name: LESTER WIDWISZ Signature: <i>Lester Widwisz</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: TRAFFIC SLIPS TRIPS + FALLS	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
3/15/07	Lester Widwisz	TAIT	<i>Lester Widwisz</i>
3/13/07	Jorge Armentador	TAIT	<i>Jorge Armentador</i>
3/15/07	STAN RUSZKIEWICZ	TAIT	<i>S. Ruszkiewicz</i>
3/15/07	Carmen	TAIT	<i>Carmen</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM-2727
Site/Area Location/Well ID: GW SAMPLING + PURGING	
Date(s) Work Performed: 3/14/07	Time: 6:30
Name Of Person Giving Tailgate Print Name: LESTER WIDNOR Signature: <i>[Signature]</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: TRAFFIC, HEAT	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
3/14/07	Lester Widnor	Tait	<i>[Signature]</i>
3/14/07	JOSE ALMENDARIZ	TAIT	<i>[Signature]</i>
3/14/07	Carmen Co	TAIT	<i>[Signature]</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: <i>Former Cto</i>	Project #: <i>EM 2727</i>
Site/Area Location/Well ID: <i>GW Purging & Sampling</i>	
Date(s) Work Performed: <i>3/16/07</i>	Time: <i>6:30</i>
Name Of Person Giving Tailgate Print Name: <i>LESTER WIDNER</i> Signature: <i>[Signature]</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: <i>SUPS, TRIPS & FALL</i>	

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Date	Name	Company Name	Signature
<i>3/16/07</i>	<i>LESTER WIDNER</i>	<i>TAIT</i>	<i>[Signature]</i>
<i>3/16/07</i>	<i>JOE ARMSTRONG</i>	<i>TAIT</i>	<i>[Signature]</i>
<i>3/16/07</i>	<i>STAN RUSZKIEWICZ</i>	<i>TAIT</i>	<i>[Signature]</i>
<i>3/16/07</i>	<i>Carmen Co</i>	<i>TAIT</i>	<i>[Signature]</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: BM 2727
Site/Area Location/Well ID: GW SAMPLING AND PURGING	
Date(s) Work Performed: 3/19/07	Time: 6:30
Name Of Person Giving Tailgate Print Name: LESTER WIDOR Signature: <i>Lester Widor</i>	Affiliation: NONB
Site-Specific Health & Safety Meeting Topics: SLIPS TRIPS AND FALL.	

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Date	Name	Company Name	Signature
3/19/07	Lester Widor	Lester Widor	Lester Widor
3/19/07	JOSE ARMENDARIZ	Jose Armendariz	TAIT
3/19/07	STAN RUSZKIEWICZ	TAIT	J. Ruzkiewicz
3/19/07	Carmen Co.	TAIT	Carmen Co.



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM-2707-01
Site/Area Location/Well ID: GW RE PURGING & SAMPLING	
Date(s) Work Performed: 3/20/07	Time: 630
Name Of Person Giving Tailgate Print Name: LESTER WIDOR Signature: Lester Widor	Affiliation: NONE
Site-Specific Health & Safety Meeting Topics: NO MAYBE RAIN.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
3/20/07	LESTER WIDOR	TAIT	Lester Widor
3/20/07	JORGE ARMENDARIZ	TAIT	Jorge Armendariz
3/20/07	Carmen Co	TAIT	Carmen Co



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: DM 2727
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 3/21/07	Time: 6:30
Name Of Person Giving Tailgate Print Name: LESTER WIDNER Signature: <i>Lester Widner</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: SLIP, TRIPS AND FALLS, RAINY WEATHER	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
3/21/07	Lester Widner	TAIT	<i>Lester Widner</i>
3/21/07	JOSE AMENDAS	TAIT	<i>Jose Amendas</i>
3/21/07	STAN RUSZKIEWICZ	TAIT	<i>Stan Ruszkiewicz</i>
3/21/07	Carmen G	TAIT	<i>Carmen G</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMOR C-6	Project #: EM-2727
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 3/22/07	Time: 6:30
Name Of Person Giving Tailgate Print Name: LESTER WIDONSK Signature: <i>Lester W</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: SLIPS TRIP AND FALLS	

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Date	Name	Company Name	Signature
3/22/07	Lester Widonski	TAIT	<i>Lester W</i>
3/22/07	John Amador	TAIT	<i>John Amador</i>
3/22/07	STAN RUSZKIEWICZ	TAIT	<i>S. Ruszkiewicz</i>
3/22/07	Carmen G	TAIT	<i>Carmen G</i>



Tait Environmental Management, Inc.
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Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM-2727
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 3/23/07	Time: 7:30
Name Of Person Giving Tailgate Print Name: Lester Widner Signature: <i>Lester Widner</i>	Affiliation: ✓
Site-Specific Health & Safety Meeting Topics: TRAFFIC SLIPS, TRIPS AND FALLS	

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Date	Name	Company Name	Signature
3/23/07	Lester Widner	TAIT	<i>Lester Widner</i>
3/23/07	Jorge Armenta	TAIT	<i>Jorge Armenta</i>
3/23/07	Stan Ruszkiewicz	TAIT	<i>S. Ruszkiewicz</i>
3/23/07	Carmen Lo	TAIT	<i>Carmen Lo</i>



Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM-2727
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 3/26/07	Time: 6:30
Name Of Person Giving Tailgate Print Name: LESTER WIDNER Signature: <i>Lester Widner</i>	Affiliation: NORS
Site-Specific Health & Safety Meeting Topics: Monthly Dig. BE AWARE OF TRAFFIC	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
3/26/07	LESTER WIDNER	TAIT	<i>Lester Widner</i>
3/26/07	JOSE ARMENDARIZ	TAIT	<i>Jose Armendariz</i>
3/26/07	CARMEN LO	TAIT	<i>Carmen Lo</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C-6	Project #: EM-2727
Site/Area Location/Well ID: C-6	
Date(s) Work Performed: 3/27/07	Time: 6:30
Name Of Person Giving Tailgate Print Name: Lester Windsor Signature: <i>[Signature]</i>	Affiliation: NONG
Site-Specific Health & Safety Meeting Topics: WINDY, RAIN, SLIPS, TRIPS & FALL. TRAFFIC AROUND CONSTRUCTION	

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Date	Name	Company Name	Signature
3/27/07	Lester Windsor	Tait	<i>[Signature]</i>
3/27/07	James Amador	TAIT	<i>[Signature]</i>
3/27/07	Carmen Lo	TAIT	<i>[Signature]</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: FORMER C6	Project #: EM-2727
Site/Area Location/Well ID: C6	
Date(s) Work Performed: 3/28/07	Time: 8:10
Name Of Person Giving Tailgate Print Name: Lester Windsor Signature: <i>[Signature]</i>	Affiliation: —
Site-Specific Health & Safety Meeting Topics: TRAFFIC BY CONSTRUCTION ZONE	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

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Date	Name	Company Name	Signature
3/28/07	Lester Windsor	TAIT	<i>[Signature]</i>
3/28/07	Carmen Co.	TAIT	<i>[Signature]</i>



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: <i>Former C-6</i>	Project #: <i>EM 2727</i>
Site/Area Location/Well ID: <i>C-6</i>	
Date(s) Work Performed: 3/30 <i>3/30/07</i>	Time: <i>7:30</i>
Name Of Person Giving Tailgate Print Name: <i>LESTER WIJANAR</i> Signature: <i>[Signature]</i>	Affiliation:
Site-Specific Health & Safety Meeting Topics: <i>TRAFFIC AROUND site</i>	

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Date	Name	Company Name	Signature
<i>3/30/07</i>	<i>LESTER WIJANAR</i>	<i>TAIT</i>	<i>[Signature]</i>
<i>3/30/07</i>	<i>JORGE ARMARON</i>	<i>TAIT</i>	<i>[Signature]</i>
<i>3/30/07</i>	<i>Carmen Lo</i>	<i>TAIT</i>	<i>[Signature]</i>

TestAmerica

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page 1 of 1

17461 Debra Lane, Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 9830 South-Sign St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3820 FAX (702) 796-3828

Coc # TEM 013 2007

Client Name / Address: TACT Parkcenter Dr 200 N. Grand Ave Las Vegas, NV	Project/PO Number: COC # TEM 013 2007	Project Manager: Michael P. ...	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required					Special Instructions			
									RSK-173	Dissolved Glass	TOC	Dissolved Mn	Ammonia (350.3)		TOTAL ALKALIN (310.1)+ANION		
SB-TACT031307-001			H ₂ O	40ml VGA	2	07/13/07		HCO	X								
EB-TACT031307-001					3		8:00		X								
EB-TACT031307-001					3		9:24		X								
DB-TACT031307-001					3		7:45		X								
XMU 19 WGA031307-001					3		10:17		X								
XMU 09 WGA031307-001					3		13:35		X								
MAC007 WGA031307-001				Waxi pop	11		15:40	Waxi pop	X								
Relinquished By:																	
Relinquished By:																	
Relinquished By:																	
Received By:																	
Received By:																	
Received in Lab By:																	
Turnaround Time: (Check)																	
same day																	
24 hours																	
48 hours																	
normal																	
Sample Integrity: (Check)																	
Intact																	
on ice																	

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

DMCOC

COC# TEMD3142007LLW

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX: (949) 260-9299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX: (909) 370-1046
 9930 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX: (480) 785-0851
 220 E. Sahara Ave., Las Vegas, NV 89120 (702) 796-3620 FAX: (702) 798-3628

COC# TEMD3142007LLW

TestAmerica

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address:		Project/PO Number:		Analysis Required		Special Instructions	
TAIT 701 N. Parkcenter Dr. Santa Ana, CA 92705 Project Manager: Mehmet P.		C-6 Terrance EM272701 Phone Number: 17145412992 Fax Number: 17145560892		RSK-175 Dissolved TOC Dissolved Mn Ammonia Total Alkalinity			
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260B
TA17-31407-0001	Normal	USA	2	03/14/07	8:00	HCC	X
TA17-31407-0001			3		10:30		X
TA17-31407-0001			3		8:10		X
TA17-31407-0001			3		9:00	various	X
TA17-31407-0001			3		11:45	HCC	X
TA17-31407-0001			3		14:00		X
TA17-31407-0001			3		15:30		X
TA17-31407-0001			3		10:42		X
TA17-31407-0001			11		13:00	various	X
TA17-31407-0001			11		14:40		X
TA17-31407-0001			11		15:56		X
Relinquished By:	Date/Time:	Received By:	Date/Time:	Date/Time:	Date/Time:	Turnaround Time: (Check)	
	03/14/07 11:11	BLK	03/14/07 11:45			same day	72 hours
						24 hours	5 days
						48 hours	normal
						Sample Integrity: (Check)	intact on ice

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COC # TEM03152017LW
 17481 Derian Ave. #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-8289
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 9930 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

DMCOO

TestAmerica

ANALYTICAL TESTING CORPORATION CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name / Address:	Project/PO Number:	Analysis Required				Special Instructions						
		Ammonia	Total Alkalinity + Anions	Dissolved Mn	Dissolved (Crack)							
101 N. Parkcenter Dr. Santa Ana, CA 92705	EM 2727 C-6 TORRANCE											
Project Manager: Mehmet P.	Phone Number: (714) 412-9922											
Sampler: SR/JA/CL	Fax Number: (714) 560-8055											
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	COI (B&K-IP)	Dissolved (Crack)	Dissolved Mn	Ammonia	Total Alkalinity + Anions	Special Instructions
IB-TA11031507-0001	H ₂ O	4 L	2	2/15/07		HCl	X					
EB-TA11031507-0002			3		7:00		X					
DB-TA11031507-0001			3		7:15		X					
FB-TA11031507-0001			3		9:00		X					
MA-B20-WG031507-0001		4 L	11		8:59	HCl	X	X	X	X	X	
MA-G01-WG031507-0001		4 L	3		9:58	HCl	X	X	X	X	X	
MA-G01-WG031507-0001		4 L	11		9:38	HCl	X	X	X	X	X	
MA-G01-WG031507-0001		4 L	3		12:06	HCl	X					
MA-G01-WG031507-0001		4 L	3		14:38		X					
Relinquished By: <u>Kevin Lo</u>		Date/Time: <u>03/15/07 16:00</u>	Received By: <u>[Signature]</u>		Date/Time: <u>03/15/07 16:00</u>	Turnaround Time: (Check)		same day		72 hours		
Relinquished By: <u>Kevin Lo</u>		Date/Time: <u>03/15/07 16:00</u>	Received By: <u>[Signature]</u>		Date/Time: <u>03/15/07 16:00</u>	Turnaround Time: (Check)		24 hours		5 days		
Relinquished By: <u>Kevin Lo</u>		Date/Time: <u>03/15/07 16:00</u>	Received in Lab By: <u>[Signature]</u>		Date/Time: <u>03/15/07 16:00</u>	Turnaround Time: (Check)		48 hours		normal		X

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COC # TEM03162007LW DMCOC

17461 Dorland Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 280-3299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 9630 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 796-3628

TestAmerica

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: 701 N. Parkcenter Dr Santa Ana CA 92705 Project Manager: Mehmet P. Sampler: JAILWICL		Project/PO Number: EM2727 Tolerance: C-6 Phone Number: (714) 412-9922 Fax Number: (714) 560-8235		Analysis Required TOC CO2 (Rsk-175) Dissolved Gases Dissolved Mn Ammonia Tet & Nitrite + Nitros		Special Instructions							
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TOC	CO2 (Rsk-175)	Dissolved Gases	Dissolved Mn	Ammonia	Tet & Nitrite + Nitros	Special Instructions
IB-TAIT031607-0001	Water	40ml VIA	2	03/16/07	-	HICE	X						
IB-TAIT031607-0001	Water	40ml VIA	3		13:00		X						
IB-TAIT031607-0001	Water	40ml VIA	3		11:50		X						
DB-TAIT031607-0001	Water	40ml VIA	3		13:10		X						
MWB012-WF031607-0001	Water	40ml VIA	3		8:15		X						
MWB012-WF031607-0001	Water	40ml VIA	3										
MWC009-WF031607-0001	Water	40ml VIA	3		10:14	HICE	X						
MWC009-WF031607-0002	Water	40ml VIA	3		10:16		X						
MWC022-WF031607-0001	Water	40ml VIA	3		8:34		X						
MWC-7S-WF031607-0001	Water	40ml VIA	3		10:55		X						
MWB014-WF031607-0001	Water	40ml VIA	11		12:37	Water	X		X	X			
BL-03-WF031607-0001	Water	40ml VIA	3		11:45	HICE	X						

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
Relinquished By:	Date/Time:	Received By:	Date/Time:	same day _____ 72 hours _____ 24 hours _____ 5 days _____ 48 hours _____ normal _____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
			1445	Intact <input checked="" type="checkbox"/> on ice <input checked="" type="checkbox"/> 6/5

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days 2/16/07

TestAmerica

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Client Name/Address: **TAIT** Project/PO Number: **C-6 TORRANCE** Page 1 of 1

701 N Parkcenter Dr
Santa Ana CA 92705
Phone Number: (714) 412-9920
Fax Number: (714) 526-8335

Project Manager: **Kelvin P.**
Sampler: **JAYCL**

COC # **TEM03192007LW**
17461 Dorian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
1014 E. Cooley Dr., Suite A, Cotton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260B	TOC	Dissolved	CO2	Dissolved Mn	Ammonia	TOTAL ALKALINITY	Analysis Required	Special Instructions
FB TAIT031907 0001	WATER	1	3	3/19/07	-	HCl	X								
FB TAIT031907 0001	WATER	1	3	3/19/07	9:10		X								
DB TAIT031907 0001	WATER	1	3	3/19/07	7:00		X								
FB TAIT031907 0001	WATER	1	3	3/19/07	7:15		X								
WRC 4S 10631907 0001	WATER	1	11	3/19/07	8:38	VARIABLE	X	X	X	X	X	X	X		
MULCOO4 10631907 0001	WATER	1	11	3/19/07	11:09		X	X	X	X	X	X	X		
MULCOO7 10631907 0001	WATER	1	3	3/19/07	13:35	HCl	X								
MULCOO5 10631907 0001	WATER	1	11	3/19/07	15:17	VARIABLE	X	X	X	X	X	X	X		
TAMR 4 10631907 0001	WATER	1	3	3/19/07	15:35	HCl	X								

Relinquished By: **Carmon Jn** Date/Time: **03/19/07 1600**
 Relinquished By: **Jaycl** Date/Time: **03/19/07 1600**
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received in Lab By: _____ Date/Time: _____

Turnaround Time: (Check)
 same day _____
 24 hours _____
 48 hours _____
 72 hours _____
 5 days _____
 normal
 Sample Integrity: (Check)
 intact _____
 on ice _____

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COC # TEM0322007LW

TestAmerica

ANALYTICAL TESTING CORPORATION

17461 DeRian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4887 FAX (909) 370-1046
 9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: TAIT 701 N. Parkcenter Dr. Santa Ana, CA 92705		Project/PO Number: C-6 Terrance EM2727		Analysis Required Ammonia Total Alkalinity + Amnins										
Project Manager: Robert P		Phone Number: (714) 413-1432		Special Instructions										
Sampler: JAI/LW/CL		Fax Number: 1714 530-8233												
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260B	TOC	Discolored	Coal (Rsk 175)	Discolored	Ammonia	Total Alkalinity	Special Instructions
TR-TAIT-3267-001	Water	40ml VOA	2	13/15/07	-	HCL	X	X	X	X	X	X	X	
TR-TAIT-3267-002	Water	40ml VOA	3	15/05			X	X	X	X	X	X	X	
EB-TAIT-3267-001	Water	40ml VOA	3	15/15			X	X	X	X	X	X	X	
DR-TAIT-3267-001	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-001	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-002	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-003	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-004	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-005	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-006	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-007	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-008	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-009	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-010	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-011	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-012	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-013	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-014	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-015	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-016	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-017	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-018	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-019	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-020	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-021	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-022	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-023	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-024	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-025	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-026	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-027	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-028	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-029	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-030	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-031	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-032	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-033	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-034	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-035	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-036	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-037	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-038	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-039	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-040	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-041	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-042	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-043	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-044	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-045	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-046	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-047	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-048	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-049	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-050	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-051	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-052	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-053	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-054	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-055	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-056	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-057	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-058	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-059	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-060	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-061	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-062	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-063	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-064	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-065	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-066	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-067	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-068	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-069	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-070	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-071	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-072	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-073	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-074	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-075	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-076	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-077	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-078	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-079	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-080	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-081	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-082	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-083	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-084	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-085	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-086	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-087	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-088	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-089	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-090	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-091	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-092	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-093	Water	40ml VOA	3	15/25			X	X	X	X	X	X	X	
MWCOR-3267-094	Water	40ml VOA	3	1										



Del Mar Analytical
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CHAIN OF CUSTODY FORM

Page 1 of 1

WOC # : 1EM03222007CW
17481 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
1014 E. Copley Dr., Suite A, Colton, CA 92324 (909) 370-4887 FAX (909) 370-1046
9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 786-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

Client Name/Address:	Project/PO Number:	Analysis Required		Special Instructions
701 N. Park Center Dr Santa Ana, CA 92705 Project Manager: <u>Kenneth P. Kummert P.</u>	<u>C-6 Torrance</u> <u>EM 2727</u>	Ammonia	Total Alkalinity + Anions	
Sampler: <u>JAILWISRIEL</u>	Phone Number: <u>(714) 412-9922</u> Fax Number: <u>(714) 560-8235</u>	Dissolved Lead	Dissolved Mn	
Sample Description	Sample Matrix	Container Type	# of Cont.	Preservatives
TR-TAIT0322070001	Agave	40ml VOA	2	HCE
EB-TAIT0322070001			3	
EB-TAIT0322070001			3	
DB-TAIT0322070001			3	
MMB02-WG0322070001			3	
MMB07-WG0322070001			3	
MMB03-WG0322070001			11	Various
WUC02-WG0322070001		40ml VOA	3	HCE
WUC03-WG0322070001			11	Various
CHM02-WG0322070001		40ml VOA	4	Various
CHM03-WG0322070001			3	HCE
CHM04-WG0322070001			2	Various
CHM05-WG0322070001			2	Various
Relinquished By: <u>James J.</u>	Date/Time: <u>03/22/07 1630</u>	Received By: <u>[Signature]</u>	Date/Time: <u>03/22/07 1630</u>	Turnaround Time: (Check) same day <input checked="" type="checkbox"/> 72 hours 24 hours <input checked="" type="checkbox"/> 5 days 48 hours <input checked="" type="checkbox"/> Original
Relinquished By:	Date/Time:	Received In Lab By:	Date/Time:	Sample Integrity: (Check) intact <input checked="" type="checkbox"/> on ice

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

[Handwritten notes and signatures]

COC # - TEMO3222007CW
 17461 Derlian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3298
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 796-3626



CHAIN OF CUSTODY FORM

Page _____ of _____

Client Name/Address	Project/PO Number	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required							
								8260B	TOC	Co (KSK-173)	Dissolved	Disso/Und	Amm/nia	Total Alkalinity	Total Sulfide
701 N. Parkcenter Dr. Santa Ana, CA 92703 Project Manager: <u>Plumbert P.</u>	C-6 Torrance EM 2727	Agua	40ml VOA	12	3/22/07	12:53	stabilize	X	X	X	X	X	X		
Sampler: <u>JAIL40/SR/CL</u>	Phone Number: (714) 412-9922 Fax Number: (714) 560-8230	IRZCWD02-WG5322707 TMO108-WG5322707		3		14:07	HCl	X	X	X	X	X	X		
Relinquished By: <u>Sam Dan</u>	Date/Time: 03/22/07 16:52														
Relinquished By:	Date/Time:														
Relinquished By:	Date/Time:														
Received By: <u>Sam Dan</u>	Date/Time: 03/22/07 05:50														
Received By:	Date/Time:														
Received in Lab By:	Date/Time:														
Turnaround Time: (Check)	same day														
	24 hours														
	48 hours														
Sample Integrity: (Check)	intact														
	on ice														

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

DMCOC
 CQC# TEM03232007LW
 17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 786-0851
 2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 796-3628

TestAmerica

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: **TAIT**
 701 N. Parkcenter Dr
 Santa Ana, CA 92705
 Project Manager: **ACM**
 Sampler: **LW/JA/SR/CL**

Project/PO Number: **8-6 Torrance**
EM12727
 Phone Number: **(714) 412-9922**
 Fax Number: **(714) 510-8235**

Sample Description	Sample Matrix	Container Type	# of Cops	Sampling Date	Sampling Time	Preservatives	Analysis Required								
							COE (RISK-1)	DISINFECT	DISINFECT (GLASS)	DISINFECT (M/N)	AMMONIA	TOTAL ALKALINITY	TOTAL ANIONS	Sulfide	
IR TAIT 032307 0001	Water	40ml Vial	2	03/23/07	-	HCL	X	X	X	X	X	X	X	X	
IR TAIT 032307 0001			3		8:05		X	X	X	X	X	X	X	X	
IR TAIT 032307 0001			3		9:05		X	X	X	X	X	X	X	X	
IR TAIT 032307 0001			3		8:15		X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001		Water	12	03/23/07	13:15	Variable	X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07	11:32		X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07	14:45		X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07	9:35		X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07	11:27		X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07	9:34		X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07			X	X	X	X	X	X	X	X	
IR ZANADIA 032307 0001			12	03/23/07			X	X	X	X	X	X	X	X	

Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____ Turnaround Time: (Check) same day _____ 72 hours _____ 24 hours _____ 5 days _____ 48 hours _____ normal Sample Integrity: (Check) Intact on ice 6.1

Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: **03/23/07 1555** Received in Lab By: **Spencer** Date/Time: **03/23/07 1555**

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COC # TEM0322007LW1 DMCOC
 17461 Deilan Ave., #100 Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0651
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 796-3628

TestAmerica

ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: <u>TAIT</u> <u>701 N. Parkcenter Dr.</u> <u>Santa Ana, CA 92705</u>		Project/PO Number: <u>C-6 Torrance</u>		Analysis Required														
Project Manager: <u>Mehmet P.</u>		Phone Number: <u>(714) 412-9922</u>		<u>Penal records (2 PCR)</u>														
Sampler: <u>JA/SR/LWICL</u>		Fax Number: <u>(714) 560-8225</u>																
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Special Instructions											
<u>IRZMUCOR 1463337</u>	<u>MUCOR</u>	<u>1.5</u>	<u>1</u>	<u>03/23/07</u>	<u>11:33</u>	<u>-</u>	<u>* Sent to</u>											
<u>IRZMUCORA 1463337</u>	<u>MUCOR</u>	<u>1.5</u>	<u>1</u>	<u>1</u>	<u>14:45</u>	<u>-</u>	<u>MBI</u>											
<u>IRZMUCOR 1463337</u>	<u>MUCOR</u>	<u>1.5</u>	<u>1</u>	<u>1</u>	<u>9:34</u>	<u>-</u>												
Relinquished By:							Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)			Sample Integrity: (Check)					
Relinquished By:							Date/Time:	Received By:	Date/Time:	same day _____ 72 hours _____			24 hours _____ 5 days _____					
Relinquished By: <u>Torrence</u>							Date/Time: <u>03/23/07 1555</u>	Received In Lab By: <u>Spencer</u>	Date/Time: <u>03/23/07 1555</u>	48 hours _____ normal <input checked="" type="checkbox"/>			intact <input checked="" type="checkbox"/> on ice <input checked="" type="checkbox"/> <u>6.6</u>					

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CDC # TEM03262007LW
 17461 Denton Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

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ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: 701 N. Parkcenter Dr. Santa Ana CA 92705 Project Manager: Mehmet P. Sampler: LW/JA/CL	Project/PO Number: C-6 Torrance EM2727 Phone Number: (714) 412-9999 Fax Number: (714) 560-8235	Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required						Special Instructions
									TOC	CO2 (RSK-175)	Dissolved Gases	Total Sulfide	Ammonia	Dissolved Mn	
IB-TA11032607-0001		Water	40ml	1	03/24/07	15:15	HCE	X	X	X	X	X	X	X	* IZM Method
EB-TA11032607-0001		Water	40ml	3		15:20		X	X	X	X	X	X	X	IZM Method
FB-TA11032607-0001		Water	40ml	3		15:30		X	X	X	X	X	X	X	Dissolved Mn
DB-TA11032607-0001		Water	40ml	3		9:37		X	X	X	X	X	X	X	Total Alkalinity
IUC001-WF032607-0001		Water	40ml	12	15	12:57	HCE	X	X	X	X	X	X	X	Any other info
IRZC-MU001-WF032607-0001		Water	40ml	3				X	X	X	X	X	X	X	Contains
EWB001-WF032607-0001		Water	40ml	3				X	X	X	X	X	X	X	
IRZM-W05-WF032607-0001		Water	40ml	11				X	X	X	X	X	X	X	
IRZM-W06-WF032607-0001		Water	40ml	11				X	X	X	X	X	X	X	
MUG002-WF032607-0001		Water	40ml	3		11:40	HCE	X	X	X	X	X	X	X	
MUG002-WF032607-0002		Water	40ml	3		11:42	HCE	X	X	X	X	X	X	X	

Relinquished By: John Lu Date/Time: 03/26/07 1750 Received By: Brian K. O'Brien Date/Time: 03/26/07 1750
 Turnaround Time: (Check) 72 hours same day 24 hours 5 days normal
 Relinquished By: John Lu Date/Time: 03/26/07 1750 Received By: Brian K. O'Brien Date/Time: 03/26/07 1750
 Relinquished By: John Lu Date/Time: 03/26/07 1750 Received in Lab By: John Lu Date/Time: 03/26/07 1750
 Sample Integrity: (Check) intact on ice normal

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COC # : TEM03282007LW
 17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4687 FAX (909) 370-1046
 9830 South 51st St., Suite B-12D, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

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CHAIN OF CUSTODY FORM

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Client Name/Address: Project Manager: Sampler:	Project/PO Number: Phone Number: Fax Number:	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required						Special Instructions
								TOC	Col-TSK-178	Dissolved Gases	Dissolved Mn	Ammonia	Total Alkalis + Anions	
701 N. Parkcenter Dr. Santa Ana, CA 92705 Mehmet P.	C-6 Torrance EM 2727 Phone Number: (714) 412-9922 Fax Number: (714) 560-8352	H ₂ O	40ml VOA	3	03/28/07	16:05	HCE	X	X	X	X	X	X	* Diss Mn Total Alkalis Anions in 4 250ml Poly Containers
IB TAITO 32807 0001				3		16:10		X	X	X	X	X		
EB TAITO 32807 0001				3		16:15		X	X	X	X	X		
DB TAITO 32807 0001				14		9:10	VARIOUS	X	X	X	X	X		
EB TAITO 32807 0001				14		18:22		X	X	X	X	X		
IRZBooth 41632807 0001				14		11:27		X	X	X	X	X		
CMuldo 6 41632807 0001				14		1555		X	X	X	X	X		
IRZC Muldo 3 41632807 0001				14		1435		X	X	X	X	X		
IRZ Booth 5 41632807 0001				3		3:05	HCE	X	X	X	X	X		
IRZC Muldo 4 41632807 0001				3		3:07	HCE	X	X	X	X	X		
EWC02 41632807 0001			40ml VOA											
EN02 41632807 0001														

Relinquished By: <u>Edm La</u>	Date/Time: <u>03/28/07 1630</u>	Received By: <u>BD</u>	Date/Time: <u>03/28/07 1630</u>
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:

Turnaround Time: (Check)	72 hours
same day	5 days
24 hours	normal
48 hours	
Sample Integrity: (Check)	intact on ice

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: **Former C-6 FACILITY TAILRACE**

Project No.: **EM 2727-01**

Well Identification: **I-RZMW001A**

Measurement Point Description: **TOXICITY**

Date: **3-23-07**

Prepared By: **JR/SK**

Weather: **SUNNY**

Pump Intake: **70**

Screen: **65-73**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well		Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/3 Screen Volume
		Depth (ft-bmp)	Flow Rate (gpm)								
	64.92	75.36	10.44			N/A	N/A	N/A	N/A	3.1	N/A

Well Diameter (in)	Gallons/Foot			Field Equipment: Solinst, Horiba
	0.75	2	4	
	0.02	0.16	0.65	

Purge Method: **S.S. MON-5201**
Well Condition: **GOOD**

Time	Casing/Screen Volume (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1238	4.1	.21	65.47	6.70	22.8	100	.19	.98	-21	CLOUDY
1243	5.6	.3	65.28	6.83	22.8	66	.19	.64	-29	CLEAR
1248	7.1	.3	65.35	6.82	23.0	27	.19	.40	-24	CLEAR
1252	8.6	.3	65.42	6.86	23.1	30	.18	.79	-16	CLEAR
1257	10.1	.3	65.57	6.82	22.9	12	.18	.24	-13	CLEAR
1302	11.6	.3	65.75	6.83	22.9	93	.19	.40	-11	CLOUDY
1307	13.1	.3	65.82	6.80	22.6	85	.18	.31	-6	CLOUDY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1238	1307	.3	15.0	47.5	67.00	65.10	13/5	I-RZMW001A-W6032207-0001

Notes: INITIAL CONC: TAN
 Ferric Iron: 0.59 mg/L
 Hydrogen Sulfide: 0.38 mg/L
 * PURGED WELL WATER TO COMBINE TANK

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

Page of

Project Name: <u>TERRANCE C6</u>		Date: <u>3-23-07</u>	
Project No.: <u>EM</u>		Prepared By: <u>SR</u>	
Well Identification: <u>IR2 MW-001B</u>		Weather: <u>SUNNY</u>	
Measurement Point Description: <u>T06 NORTH</u>		Pump Intake: <u>85</u>	
Screen: <u>80-90</u>			

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) (ft³)	Total Volume Screen Volume (Screen length x 1)	1/2 screen Volume
<u>64.78 / 64.78</u>	<u>89.95</u>	<u>25.17</u>	<u>-</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>3.2</u>	<u>N/A</u>

Well Diameter (in)	Gallons/Foot			Purge Method: <u>SS MONSOON</u>	Well Condition: <u>Good</u>
	0.75	4	6		
<u>0.02</u>	<u>0.16</u>	<u>0.65</u>	<u>1.47</u>		

Time	Casing/Screen Purged (gallons)	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
<u>11:00</u>	<u>4.2</u>	<u>4.2</u>	<u>0.21</u>	<u>64.81</u>	<u>6.59</u>	<u>21.3</u>	<u>36.0</u>	<u>.19</u>	<u>.72</u>	<u>18</u>	<u>Clear</u>
<u>11:05</u>	<u>5.7</u>	<u>5.7</u>	<u>.3</u>	<u>64.82</u>	<u>6.62</u>	<u>22.3</u>	<u>8.0</u>	<u>.19</u>	<u>.82</u>	<u>11</u>	<u>Clear</u>
<u>11:10</u>	<u>7.2</u>	<u>7.2</u>	<u>.3</u>	<u>64.82</u>	<u>6.60</u>	<u>22.3</u>	<u>5.0</u>	<u>.19</u>	<u>.58</u>	<u>8</u>	<u>Clear</u>
<u>11:15</u>	<u>8.7</u>	<u>8.7</u>	<u>.3</u>	<u>64.82</u>	<u>6.90</u>	<u>21.8</u>	<u>7.0</u>	<u>.19</u>	<u>.85</u>	<u>16</u>	<u>Clear</u>
<u>11:20</u>	<u>10.2</u>	<u>10.2</u>	<u>.3</u>	<u>64.82</u>	<u>6.80</u>	<u>22.0</u>	<u>5.0</u>	<u>.20</u>	<u>.88</u>	<u>14</u>	<u>Clear</u>
<u>11:25</u>	<u>11.7</u>	<u>11.7</u>	<u>.3</u>	<u>64.82</u>	<u>6.68</u>	<u>23.1</u>	<u>1.0</u>	<u>.19</u>	<u>.85</u>	<u>6</u>	<u>Clear</u>

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
<u>10:40</u>	<u>11:25</u>	<u>.26</u>	<u>12.5</u>	<u>69.81</u>	<u>69.81</u>	<u>11:32</u>	<u>IR2 MW-001B-NG-032307-0001</u>

Notes: Ferric Iron = 0.00 mg/L
Hydrogen Sulfide = 0.0636 mg/L
Pump Purged H₂O into Compound Tank
Drum No.:

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: Boeing C6 Torrance

Date: 3-23-07

Project No.: EM

Prepared By: SR

Well Identification: IR2MWOOD2A

Weather: SUNNY

Measurement Point Description: TOC NORTH

Pump Intake: ~ 75

Screen: 68-78

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - OTW) x D	Below Screen Volume (Screen length x D)	1/4 Screen Volume
	64.67	77.68	13.01		N/A	N/A	N/A	N/A	3.1	N/A
Sollinst, Horiba										

Well Diameter (in)	Gallons/Foot			Purge Method:	Well Condition:
	0.75	2	4		
	0.75	2	4	SS	MONSOON
	0.02	0.16	0.65	1.47	Good

Time	Purge Start Time	Purge End Time	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:12	14:12	14:12	4.1	1.2	66.66	6.84	22.3	650	21	1.51	5	Cloudy
14:17	14:17	14:17	5.6	1.3	66.66	6.85	22.7	440	21	1.52	-5	Cloudy
14:22	14:22	14:22	7.1	1.3	66.66	6.95	22.9	300	21	1.80	-8	Cloudy
14:27	14:27	14:27	8.6	1.3	66.66	6.96	23.2	170	21	1.76	-7	Cloudy
14:32	14:32	14:32	10.1	1.3	66.66	6.96	23.4	87	21	1.00	-6	Clear
14:37	14:37	14:37	11.6	1.3	66.68	6.97	24.0	39	20	.91	-1	Clear
14:42	14:42	14:42	13.1	1.3	66.68	6.90	23.6	58	20	.29	-8	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Casing Volumes Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:50	14:42	.3	15.0	N/A	67.27	66.52	1445	IR2MWOOD2A-WG0323070001

Notes: Ferric Iron: mg/L
Hydrogen Sulfide: mg/L
POT Purged H2O in Compound TANK

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Page of

Project Name: C & Torrance Boring Date: 3-23-07
 Project No.: EM Prepared By: SR
 Well Identification: IRZ MW 002B Weather: SUNNY
 Measurement Point Description: TOC NORTH Pump Intake: 85
 Screen: 83-93

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D) LTRs	1/2 screen Volume
---	64.81 / 64.81				--	--	--	--	N/A	N/A
	89.92			25.11					3.2	N/A

Field Equipment: Solinst, Horiba
 Purge Method: SS - MONSOON
 Well Condition: Good

Time	Casing/Screen Intake	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0855	Purge Little	4.2	.21	65.50	5.69	20.7	350	.19	1.10	45	Cloudy
0900	1.5	5.7	.30	65.88	6.23	21.9	160	.19	1.20	38	" "
0905	1.5	7.2	.30	65.85	6.41	21.8	50	.19	1.56	27	Clear
0910	1.5	8.7	.30	65.82	6.46	21.3	39	.18	3.93	29	Clear
0915	1.5	10.2	.30	65.89	6.65	21.2	44	.19	2.02	44	Clear
0920	1.5	11.7	.30	65.92	6.46	22.4	51	.19	.13	-7	Clear
0925	1.5	13.2	.30	65.93	6.52	22.4	31	.18	1.38	17	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total LTRs Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0835	0925	.26	14.5	Tubing Volume	69.83	65.05	0935	IRZ MW 002B-WG032307-0201

Notes: Ferrous: Iron: 0.09 mg/L
Hydrogen Sulfide: 0.1166 mg/L
Do test ~ 1 mg/L
 Purged H₂O into Compound TANK
 Drum No.:
 Dup.

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: FORNISE 06 FACILITY, TORONTO

Project No.: EM 2787-01

Well Identification: TR2MWA003A

Measurement Point Description: TOC NORTH

Date: 3-23-07

Prepared By: JA

Weather: SUNNY

Pump Intake: 66

Screen: 61-71

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (CxD=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	TURNING VOLUME Screen Volume (Screen length x D) LITER	1/2 Screen Volume
--	64.85	76.60	11.75	--	N/A	N/A	N/A	N/A	3.1	N/A

Field Equipment: Solinst, Horiba

Purge Method: S.S. MONSON

Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1056	INITIAL THREE LITER	4.1	0.2	65.25	6.99	22.0	246	0.16	0.657	65	BRAND/NO ODR
1101	1.5	5.6	0.3	65.31	6.75	21.9	350	0.16	0.58	64	TAN/NO ODR
1106	1.5	7.1	0.3	65.29	6.71	21.7	280	0.16	0.46	64	TAN/NO ODR
1111	1.5	8.6	0.3	65.31	6.71	21.7	276	0.16	0.28	63	TAN/NO ODR
1116	1.5	10.1	0.3	65.31	6.75	22.0	225	0.16	0.8	62	TAN/NO ODR
1121	1.5	11.6	0.3	65.31	6.75	22.0	227	0.16	0.01	63	ODR/NO ODR
1126	1.5	13.1	0.3	65.31	6.75	22.0	227	0.16	0.01	63	ODR/NO ODR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth (ft-bmp)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1056	1126	0.3	15.2	67.2	65.31	1127	TR2MWA003A-W60307-0001

Notes: INITIAL THREE LITER
Ferrous Iron: 0.0 mg/L
Hydrogen Sulfide = 0.25 mg/L
PURGED WELL WATER INTO CONTAINERS

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: Project C-6 FACILITY, TORONTO

Project No.: EM 2727-01

Well Identification: 1R2.MW 0030

Measurement Point Description: TBC, NORTH

Date: 3-23-07

Prepared By: JA

Weather: SUNNY

Pump Intake: 85

Screen: 80-90

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	1/2 Screen Volumes
---	64.93	92.90	27.97	---	N/A	N/A	N/A	N/A
---	64.93	92.90	27.97	---	N/A	N/A	N/A	N/A

Field Equipment: Solinst, Hobiba S. S. Manscon

Purge Method: S.S. Manscon

Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0907	1.5	4.2	0.21	64.80	5.98	19.5	470	0.21	19.33	7	TRIP/NO DATA
0912	1.5	5.7	0.3	64.80	6.23	20.9	28.0	0.20	15.62	30	NOISE/NO DATA
0917	1.5	7.2	0.3	64.80	6.33	21.5	26.0	0.20	14.32	-45	NOISE/NO DATA
0922	1.5	8.7	0.3	64.80	6.40	21.1	26.0	0.20	14.14	-43	NOISE/NO DATA
0927	1.5	10.2	0.3	64.80	6.43	21.0	26.1	0.20	13.81	-40	NOISE/NO DATA
0932	1.5	11.7	0.3	64.82	6.40	21.0	26.0	0.20	13.80	-40	NOISE/NO DATA

Purge Start Time	Purge End Time	Average Flow (gph)	Total Gallons Purged	80% Recovery Water Level Depth (C x 80) - 8	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0847	0933	0.3	132	70.52	64.82	0934	1R2.MW 0030 - W9 072307.0001

Notes: 1R2.MW 0030: BLANK

Ferrrous Iron: 0.09 mg/L
Hydrogen Sulfide: 0.0848 mg/L
NOISE WELL WATER
NOISE COMPANY

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: **FORNER C-4 FACILITY, TORRANCE**

Project No.: **EM 2727-01**

Well Identification: **IRZCMMND01**

Measurement Point Description: **70C1A027A**

Date: **3-26-07**

Prepared By: **SA**

Weather: **Cloudy/cool**

Pump Intake: **105**

Screen: **92-117**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons) (E x 3)			Above Screen Volume (Top screen - DIV) x D	1/2 Screen Volume
					One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)		
---	60.20	116.40	56.2	--	N/A	N/A	N/A	3.8	N/A

Field Equipment: Solinst, Horiba

Purge Method: **S.S. WINDSON**

Well Condition: **GOOD**

Time	Casing/Screen (in)	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1454	1.5	4.8	0.3	60.50	7.16	22.3	39	0.12	8.59	-90	clear/no odor
1459	1.5	6.3	0.3	60.47	7.16	22.4	32	0.12	7.91	-72	clear/no odor
1504	1.5	7.8	0.3	60.42	7.17	22.4	12	0.12	7.81	-55	clear/no odor
1509	1.5	9.3	0.3	60.42	7.17	22.5	20	0.12	7.01	-45	clear/no odor
1514	1.5	10.8	0.3	60.47	7.17	22.4	27	0.12	6.68	-40	clear/no odor
1519	1.5	12.3	0.3	60.60	7.16	22.4	13	0.12	6.38	-35	clear/no odor
1524	1.5	13.8	0.3	60.80	7.16	22.4	13	0.12	6.29	-35	clear/no odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x 80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1439	1524	0.3	15	71.44	60.80	1525	IRZCMMND01-WS02607-001	

Notes: *** INITIAL LEVEL ABOVE**

Ferric Iron: 0.13mg/k

Hydrogen Sulfide: 0.0106mg/L



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: FORMER C.6 Date: 3/26/07
 Project No.: EM 2727 Prepared By: W
 Well Identification: MW19002 Weather: OVERCAST
 Measurement Point Description: TOP PLACEMARK Pump Intake: 165'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (CxD=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
① 64.30		191.86	127.56	---	N/A	N/A	N/A	97.7	4.8	2.4
② 64.30										
③ 64.30										

Field Equipment: Solinst, Horiba
 Well Diameter (in): 0.75 Gallons/foot: 2 Purge Method: WATER / DEDICATED TUBING
 Gallons per foot of casing: 0.02 Well Condition: GOOD

Time	Casing Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1550	ADDS SCREEN	15.6	0.31	65.21	7.89	23.0	62	64.0	0.00	-229	CLEAR / SLIGHT OIL
1558	0.5	18.0	0.3	65.29	7.86	23.0	60	64.0	0.00	-236	CLEAR
1606	1.0	20.4	0.3	65.29	7.85	23.0	58	64.0	0.00	-239	CLEAR
1614	1.5	22.8	0.3	65.29	7.84	23.0	59	64.0	0.00	-241	CLEAR
1622	2.0	25.2	0.3	65.29	7.84	23.0	59	64.0	0.00	-244	CLEAR
1630	2.5	27.6	0.3	65.29	7.84	23.0	59	64.0	0.00	-243	CLEAR
1638	3.0	30.0	0.3	65.29	7.84	23.0	59	64.0	0.00	-243	CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x 80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1505	1638	0.3	316 gallons	ADDS 350 GAL	89.81	65.29	1640	MW19002 - W6032607 - 0001
							1642	MW19002 - W6032607 - 0002

Notes: Ferrous Iron: 0.15 mg/L
DISPOSED OVER QUARTER IN COMPUND

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: **Phase 0-6 Facility, TORONTO**

Project No.: **EM 2727-01**

Date: **3-26-07**

Prepared By: **SA**

Weather: **CLOUDY/NO**

Pump Intake: **-100**

Screen: **95-115**

Well Identification: **IWC001**

Measurement Point Description: **TOC, NORTH**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 Screen Volume
---	62.28	114.62	52.34	---	---	---	---	21.00	13	6.5

Field Equipment: Solinst, Horiba

Well Diameter (in)	Gallons/foot	Purge Method	Well Condition
0.75	2	2" GRANDES PUMP w/ SOLICATED TURBINE	GOOD
0.02	0.16		
	0.65		
	1.47		

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0912	ABOVE	21.0	1.5	63.90	6.83	20.6	5.0	0.13	8.61	17	CLEAR/NO ODOR
0916	0.5	27.5	1.6	63.93	7.03	21.3	4.0	0.14	7.56	20	CLEAR/NO ODOR
0920	1.0	34.0	1.6	63.93	7.06	22.5	7.0	0.14	7.17	16	CLEAR/NO ODOR
0924	1.5	40.5	1.6	63.93	7.06	22.5	7.0	0.19	7.28	16	CLEAR/NO ODOR
0928	2.0	47.0	1.6	63.94	7.08	22.5	5.0	0.20	7.33	16	CLEAR/NO ODOR
0932	2.5	53.5	1.6	63.95	7.09	22.5	7.0	0.21	7.24	16	CLEAR/NO ODOR
0936	3.0	60.0	1.6	63.95	7.10	22.5	6.0	0.20	7.20	15	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0858	0926	1.6	62.0	ABOVE 21 5000-3.0	72.75	63.95	0937	IWC001-WG032607-0001

Notes: # INITIAL CASE COPY

Ferrrous Iron: 0.10 mg/L

PLEASE WEEL WATER INTO CONTAINING TANK

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Federal C-L Facility, TORRANCE Date: 3-26-07
 Project No.: EM 272201 Prepared By: SA
 Well Identification: EWB001 Weather: Clear / Cool
 Measurement Point Description: TSC, H007A Pump Intake: 96-111

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	C			LNAPL Thickness (ft-bmp)	E			Above Screen Volume (Top screen - DTW x A)	Screen Volume (Screen length x I)	1/2 screen Volume
		A	B	Water Column Height (ft) (A-B=C)		One (1) Casing Volume (gallons) (C x D=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)			
---	60.48	88.95	28.47	--	41.85	125.55	20.93	--	--	--	

Field Equipment: Sollinst, Horiba
 Purge Method: 2" GROUND GAS PUMP / w DEGASATED TUBING
 Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1146	0.5	21	1.5	63.46	7.19	23.4	-8	0.20	6.58	-120	CLEAR / NO ODOR
1200	1.0	42	1.5	63.70	7.19	23.4	-7	0.23	5.44	-133	CLEAR / NO ODOR
1214	1.5	63	1.5	63.99	7.17	23.5	-5	0.23	5.38	-130	CLEAR / NO ODOR
1228	2.0	84	1.5	64.10	7.16	23.4	-5	0.23	4.87	-125	CLEAR / NO ODOR
1242	2.5	105	1.5	64.20	7.09	23.4	-6	0.22	4.79	-124	CLEAR / NO ODOR
1256	3.0	126	1.5	64.30	7.06	23.4	-8	0.21	4.53	-117	CLEAR / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B-(C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1132	1254	1.5	127	3.0	66.18	64.30	1257	EWB001-N6-03-2607-0001

Notes: INITIAL WATER COLOR: CLEAR
DO Test ~ 3 - 4 mg/L
Ferric Iron = 0.18 mg/L
City of Torrance Staff Filtered Sample - 100% CLEAR
NO WATER INTO COMPOUND TANK

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: FORMER C-6 FACILITY, TORRANCE Date: 3-27-07
 Project No.: EM 2727-01 Prepared By: JA
 Well Identification: TMU-06 Weather: WINDY / COOL
 Measurement Point Description: LOC, NORTH Pump Intake: 67-87

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) (ft ³)	Screen Volume (Screen length x L)	1/2 screen Volume
--	59.83	78.80	18.97	--	--	--	--	1.15	3.2	1.6

Field Equipment: Solinst, Horiba
 Purge Method: 2nd GRAVIMETRIC PUMP w/ DEDICATED TUBING
 Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0812	NOUVE	1	0.3	59.89	6.96	21.8	730	0.18	13.45	52	TAN/NO ODR
0817	OS	2.5	0.3	59.90	7.11	23.1	430	0.18	11.57	46	CLAY/NO ODR
0822	1.0	4	0.3	59.90	7.15	23.3	260	0.16	10.92	46	CLAY/NO ODR
0827	1.5	5.5	0.3	59.91	7.16	24.1	190	0.16	10.33	46	CLAY/NO ODR
0832	2.0	7	0.3	59.93	7.18	24.5	210	0.16	9.92	47	CLAY/NO ODR
0837	2.5	8.5	0.3	59.94	7.19	24.2	210	0.16	9.92	47	CLAY/NO ODR
0842	3.0	10	0.3	59.97	7.19	24.0	210	0.16	9.89	50	CLAY/NO ODR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B (C x 80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0808	0842	0.3	12	RESERVE-16L SCREEN-3.0	63.62	59.97	08:43	TMU-06 W6 032707-0007

Notes: * INITIAL WATER COLOR TAN
 DO ~ 6-8 mg/L.
 Ferrous Iron: 0.00 mg/L.
 DRUM NO.:
 RUGGED WELL WATER TO COMPANY SPKS

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: FORMER CH. FACILITY, TORRANCE		Date: 3-27-07									
Project No.: EM 2727.01		Prepared By: JA									
Well Identification: MW005		Weather: Sunny / Cool									
Measurement Point Description: TDC, NORTH		Pump Intake: 110									
Screen: 100-125											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D ² = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x P)	Screen Volume (Screen length x P)	1/2 screen Volume	
											Field Equipment: Solinst, Horiba
Well Diameter (in)		Purge Method: 2" GRANULOS PUMP W/ ORBITATED TUBING		Well Condition: GOOD (SEE NOTES)							
Gallons per foot of casing		0.75	2	4	6	1.47					
Gallons per foot of casing		0.02	0.16	0.65	1.47						
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1031	ABOVE	26	1.3	60.13	7.00	22.2	4.6	0.111	8.60	-209	CLEAR/NO ODOR
1037	0.5	34.2	1.4	60.15	6.98	23.0	4.2	0.109	8.90	-208	CLEAR/NO ODOR
1043	1.0	42.4	1.4	60.26	6.98	28.2	4.0	0.106	9.10	-209	CLEAR/NO ODOR
1049	1.5	50.6	1.4	60.27	6.99	23.2	3.8	0.105	9.30	-212	CLEAR/NO ODOR
1055	2.0	58.8	1.4	60.30	7.00	23.2	3.8	0.107	9.33	-211	CLEAR/NO ODOR
1101	2.5	67.0	1.4	60.30	7.00	23.2	3.9	0.108	9.40	-211	CLEAR/NO ODOR
1107	3.0	75.2	1.4	60.30	7.01	23.2	3.9	0.108	9.42	-213	CLEAR/NO ODOR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1011	1108	1.4	77	80.5-26.645	71.90	60.30	1109	MW005-WB032707-0001			
Notes: * INITIAL PURGE COLOR: CLEAR											
Ferrous Iron: 0.05 mg/L											
Drum No.: PURGED WELL WATER TO COMPOUND TAILS.											
Dup.											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: FORMER C-6
Project No.: EM 2727
Date: 3/27/07
Prepared By: CW
Well Identification: MWB019
Weather: Sunny, Windy
Measurement Point Description: TOC, BLACKMARK
Pump Intake: E 275
Screen: GS-85

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
					One (1) (C x D = E)	Three (3) (E x 3)	1/2 Casing Volume (E/2)			
---	63.84 63.84 63.84	85.01	21.17	---	13.8	41.4	6.7	0.75	13.0	6.0

Well Diameter (in)	Gallons/Foot			Field Equipment:	
	0.75	2	4	6	6
---	0.02	0.16	0.65	1.47	---

Purge Method: GRANDPOS / DEDICATED RIG
Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1257	1.0	14.0	1.0	64.25	7.20	23.8	0.0	0.284	6.11	150	CLEAR / NO ODOR
1304	1.5	21.0	1.0	64.20	7.20	23.8	0.0	0.294	6.01	150	CLEAR / NO ODOR
1311	2.0	28.0	1.0	64.20	7.19	23.8	0.0	0.284	5.81	146	CLEAR / NO ODOR
1318	2.5	35.0	1.0	64.20	7.19	23.8	0.0	0.284	5.71	145	CLEAR / NO ODOR
1325	3.0	42.0	1.0	64.20	7.19	23.8	0.0	0.284	5.71	145	CLEAR / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1243	1325	1.0	43 Gallons	3 Casing Vols	68.08	64.20	1327	MWB019-MG-032707-0001

Notes:
 Ferric Iron: 0.09 mg/L
 Hydrogen Sulfide: 0.00 mg/L
 DISPOSED OF WATER IN COMPOND

ft.bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: **FRANCIS C-6 FACILITY, TOLLAND**

Project No.: **EM 2727-01**

Well Identification: **MALC017**

Measurement Point Description: **TOC NORTH**

Date: **3-27-07**

Prepared By: **JA**

Weather: **60-70 F / WINDY**

Pump Intake: **~ 1/10**

Screen: **100-125**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 Screen Volume
64.02	128.0	63.98						23.40	16.25	8.2

Field Equipment: Solinst, Horiba

Purge Method: **2" GARDERS WIDENED TUBING**
Well Condition: **GOOD**

Well Diameter (in)	Gallons/Foot			Temperature (°C)	Turbidity (NTU)	Capductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
	0.75	2	6						
	0.02	0.16	0.65	23.3	2	80	3.18	-765	CLEAR/NO ODR
			1.47	23.3	3	80	3.00	-98	CLEAR/NO ODR
				23.2	0	81	2.90	-90	CLEAR/NO ODR
				23.2	-3	80	2.87	-88	CLEAR/NO ODR
				23.2	-3	80	2.61	-80	CLEAR/NO ODR
				23.1	1	80	2.49	-76	CLEAR/NO ODR
				23.3	1	80	2.44	-73	CLEAR/NO ODR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) + B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1311	1312	1.60	74	74	76.82	64.49	1343	MND017-06032107.000

Notes: *** INITIAL WATER COLOR: CLEAR**

Ferrus Iron: **0.05 mg/L**

= feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: **FANUEL C-6 FACILITY, TOLSON**

Project No.: **EM 2727-01**

Well Identifications: **TKZMWDOS**

Measurement Point Description: **TOC, LORRA**

Date: **3-27-07**

Prepared By: **JA**

Weather: **CLDY/W/194**

Pump Intake: **~78**

Screen: **65-90**

7/8

SCREEN

Volume

(Screen length x D)

1/2

SCREEN

Volume

(Screen length x D)

2.8

N/A

Field Equipment: **Solinist, Horiba**

Purge Method: **MUDFLOW**

Well Condition: **GOOD**

Temperature (°C): **23.0**

Turbidity (NTU): **-10**

Conductivity (S/cm): **0.17**

Dissolved Oxygen (mg/L): **8.43**

ORP (mV): **-101**

One (1) Casing Volume (gallons) (C x D = E): **N/A**

Three (3) Casing Volumes (gallons) (E x 3): **N/A**

1/2 Casing Volume (E/2): **N/A**

Above Screen Volume (Top screen - DTW) x D: **N/A**

Screen: **65-90**

7/8

SCREEN

Volume

(Screen length x D)

2.8

N/A

Well Diameter (in): **6**

Gallons per foot of casing: **0.16**

Volume Purged (gallons): **3.8**

Casing/Screen: **0.50**

Flow Rate (gpm): **0.50**

Water Level (ft-bmp): **61.05**

Ph: **6.73**

Temperature (°C): **23.0**

Turbidity (NTU): **-10**

Conductivity (S/cm): **0.17**

Dissolved Oxygen (mg/L): **8.43**

ORP (mV): **-101**

One (1) Casing Volume (gallons) (C x D = E): **N/A**

Three (3) Casing Volumes (gallons) (E x 3): **N/A**

1/2 Casing Volume (E/2): **N/A**

Above Screen Volume (Top screen - DTW) x D: **N/A**

Screen: **65-90**

7/8

SCREEN

Volume

(Screen length x D)

2.8

N/A

Depth to Static Water Level (ft-bmp): **61.04**

Well Total Depth (ft-bmp): **87.94**

Water Column Height (ft) (A - B = C): **26.90**

LNAPL Thickness (ft-bmp): **---**

One (1) Casing Volume (gallons) (C x D = E): **N/A**

Three (3) Casing Volumes (gallons) (E x 3): **N/A**

1/2 Casing Volume (E/2): **N/A**

Above Screen Volume (Top screen - DTW) x D: **N/A**

Screen: **65-90**

7/8

SCREEN

Volume

(Screen length x D)

2.8

N/A

Notes: **# INITIAL WATER COLOR IS BULK**

8/2/05 WATER TO BULK

1534

1557

0.5

12

61.42

62.11

1558

1558

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1558

ft-bmp = feet below measuring point



TAT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Former C-6		Date: 3/28/07		Screen: 96-121									
Project No.: EM 2729		Prepared By: LM		Above Screen Volume (Top screen - DTW) x D: 25.53									
Well Identification: ENC 002		Weather: Sunny - 75		Screen Volume (Screen length x D): 25									
Measurement Point Description:		Pump Intake: 12,00'		1/2 Casing Volume (E/2): N/A									
Depth to LNAPL (ft-bmp)	A	Depth to Static Water Level (ft-bmp)	B	Well Total Depth (ft-bmp)	C	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D x E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume

Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba		Purge Method: Gravel S Pump		Well Condition: Good					
Gallons per foot of casing		0.75	2	4	6	0.16	0.65	1.47					
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/ft)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations		
12:27	Above	23.09	1.4	61.21	7.09	22.9	8.8	0.170	8.61	69	CLEAR / NO ODR		
12:33	0.5	31.29	1.4	61.21	7.09	22.9	8.0	0.170	8.81	65	CLEAR / NO ODR		
12:39	1.0	39.49	1.4	61.21	7.08	22.9	7.1	0.170	8.74	72	CLEAR / NO ODR		
12:45	1.5	47.69	1.4	61.21	7.09	22.9	7.1	0.170	8.74	74	CLEAR / NO ODR		
12:51	2.0	55.89	1.4	61.21	7.09	22.9	7.1	0.170	8.74	74	CLEAR / NO ODR		
12:57	2.5	64.09	1.4	61.21	7.09	22.9	7.1	0.170	8.74	74	CLEAR / NO ODR		
13:03	3.0	72.29	1.4	61.21	7.09	22.9	7.1	0.170	8.74	74	CLEAR / NO ODR		
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification					
12:10	13:03	1.4	73 Gallons	399 gal	72.42	61.21	13:05	ENC002-W6032807-0001					
Notes:		Ferraro		Iron: 0.03 mg/L		13:07		ENC002-W6032807-0002					

ft-bmp = feet below measuring point



TAI Environmental Management, Inc.

Groundwater Sampling Data Sheet

Page of

Project Name: Foerster C-6 Date: 3/28/07
 Project No.: EM 2727 Prepared By: LW
 Well Identification: IR2B0081 Weather: SUNNY ~ 75°F
 Measurement Point Description: Pump Intake: ~ 85' Screen: 64.5' - 82.5'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (CXD=E)			Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
					One (1) Casing Volume (gallons) (CXD=E)	Two (2) Casing Volumes (gallons) (E x 2)	Three (3) Casing Volumes (gallons) (E x 3)					
--	① 61.91 ② 61.91 ③ 61.91	80.53	24.62	---	0.5	1.0	1.5	0.25	N/A	N/A	N/A	

Field Equipment: Solinst, Horiba

Well Diameter (in): 0.75

Purge Method: Waterella

Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
840	0.5	0.25	0.05	A	6.37	22.8	891	0.250	4.26	-111	BLACK COLOR / SUGAR
845	1.0	0.5	0.05	below	6.59	22.9	896	0.251	3.86	-106	
850	1.5	0.75	0.05		6.50	23.0	897	0.250	3.26	-110	
855	2.0	1.00	0.05		6.50	23.0	891	0.249	3.20	-116	
900	2.5	1.25	0.05		6.51	23.0	896	0.249	3.21	-116	
905	3.0	1.50	0.05		6.53	23.0	897	0.249	3.26	-115	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
8:35	9:05	0.05	1.60	66.83	65.98	910	IR2B0081-WG032807-0001

Notes: CAN'T MEASURE DTW WHILE PURGING WERE CASING TOO SMALL.

DO: ~3.4 mg/L Hydrogen Sulfide: 0.048 mg/L

Feltrows Iron: 1.77 mg/L

DISPOSAL OF WATER IS COMPOUND



TAI Environmental Management, Inc.

Groundwater Sampling Data Sheet

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Project Name: Farmer C-6 **Date:** 3/28/07
Project No.: EM 2727 **Prepared By:** LW
Well Identification: CMW026 **Weather:** Sunny ~ 75°F
Measurement Point Description: 2/00 **Pump Intake:** 92-117

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)			LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C-XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	1/2 Screen Volume
		A	B	C						
	60.09	18.00	57.91	---	N/A	N/A	N/A	N/A	N/A	4.2
	60.09									
	60.09									

Well Diameter (in)	Gallons/Foot			Field Equipment:	
	0.75	2	4	6	6
	0.02	0.16	0.65	1.47	1.47

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
9:50	1.0	5.2	0.5	60.20	6.61	21.8	22.0	22.0	3.81	-32	Tube + PVC 10L
10:00	2.0	7.7	0.5	60.21	6.62	21.8	57.9	0.220	2.11	-68	Clear / SULFUR
10:10	3.0	10.2	0.5	60.21	6.62	21.8	58.3	0.222	1.11	-70	Clear / SULFUR
10:20	3.0	12.7	0.5	60.21	6.62	21.8	58.8	0.221	1.13	-70	Clear / SULFUR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
9:40	10:20	0.5	13.4	N/A	N/A	60.21	10:22	CMW026 - W9 032807 - 0001

Notes:
 Ferrrous Iron: 1.88 mg/L
 Hydrogen Sulfide: 0.0742 mg/L
 DISPOSED OF WATER IN COMPOUND

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

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Project Name: Former C-6 **Date:** 3/28/07
Project No.: EM 2727 **Prepared By:** W
Well Identification: IR2B0095 **Weather:** SUNNY ~75
Measurement Point Description: TOC-1 North **Pump Intake:** 65'-90'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C-XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
---	61.79	89.96	28.17	---	0.6	1.8	0.3	N/A	N/A	N/A

Field Equipment: Solinst, Horiba
Purge Method: WATERA Pump
Well Conditions: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1525	0.5	0.3	0.05	7.11	21.1	810	0.231	5.12	-100	BLACK COLOR / 0.00R	
1530	1.0	0.6	0.05	6.82	21.1	815	0.231	3.00	-91	BLACK COLOR / 0.00R	
1535	1.5	0.9	0.05	6.82	21.1	812	0.231	2.45	-88	BLACK COLOR / 0.00R	
1540	2.0	1.2	0.05	6.82	21.1	812	0.231	2.49	-88	BLACK COLOR / 0.00R	
1545	2.5	1.5	0.05	6.82	21.1	813	0.231	2.51	-88	BLACK COLOR / 0.00R	
1550	3.0	1.8	0.05	6.82	21.1	813	0.231	2.55	-88	BLACK COLOR / 0.00R	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1520	1550	0.05	1.8 Gallons	3.0	N/A	N/A	1555	IR2B0095-N6032807-000R

Notes: * COUNT: TABLE DTN WHILE PURGING. WELL SIZE TO SMALL
 Ferrrous Iron: 1.39 mg/L
 Hydrogen Sulfide 0.808 (33% S) OF WATER IN COMPANION

ft-bmp = ft of below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: FORMER C-6		Date: 8/28/07									
Project No.: EM 2727		Prepared By: lw									
Well Identification: IR2-CMW003		Weather: SUNNY ~ 75°F									
Measurement Point Description: TOC BLACK MARK		Pump Intake: 105'									
Depth to LNAPL (ft-bmp)	A	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) X D	1/2 screen Volume	
	B										C
---	① 60.33	17.60	57.27	---	N/A	N/A	N/A	N/A	N/A	N/A	
---	② 60.33										
---	③ 60.33										
Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba							
0.75		2 4 6		Purge Method: MANSOON LOW FLOW							
0.02		0.16 0.65 1.47		Well Condition: (GOOD)							
Time	Casing/Screen (in) (IATC)	Volume Purged (gallons) (IATC)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1055	1.0	4.8	0.3	60.50	7.49	22.4	15	80.1	0.00	28	CLEAR / NO ODR
1105	1.0	7.8	0.3	60.50	7.49	22.8	14	80.1	0.00	20	CLEAR / NO ODR
1115	2.0	10.8	0.3	60.50	7.49	22.8	12	80.1	0.00	19	CLEAR / NO ODR
1125	3.0	13.8	0.3	60.50	7.49	22.8	12	80.1	0.00	18	CLEAR / NO ODR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged (IATC)	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1045	1125	0.3	14 IATCS	N/A	N/A	22.8	12	80.1	0.00	18	CLEAR / NO ODR
Sample Identification		Sample Collection Time		Water Level at Sampling Time (ft-bmp)		Sample Identification					
IR2-CMW003 - W6 032807-0001		1127		60.53		IR2-CMW003 - W6 032807-0001					
Notes:											
<p>DO: ~ 0.8 - 1.0 mg/L</p> <p>Ferrous Iron: 0.04 mg/L</p> <p>Hydrogen Sulfide: 0.038 mg/L DISPOSED OF WATER IN COMPACT</p>											

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc.

Groundwater Sampling Data Sheet

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Project Name: FORNER CB		Date: 3/28/07		Screen: 65-90'							
Project No.: EM 2727		Prepared By: LL		Above Screen Volume (Top screen - DTW x D)							
Well Identification: IR2M004		Weather: SUNNY 27.5F		1/2 Casing Volume (E/2)							
Measurement Point Description: TRC, NORTH		Pump Intake: 278'		Three (3) Casing Volumes (E x 3)							
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	One (1) Casing Volume (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D) (4708)	1/4 screen Volume	

Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba							
0.75		4		6		Purge Method: MONSOON					
Gallons per foot of casing		0.02		0.65		Well Condition:					
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µM)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
	INITIAL PURGE	3.8	0.5	61.55	6.79	22.0	49.5	0.210	3.10	-90	TUBE
	1.0	6.3	0.5	61.55	6.78	22.0	51.0	0.210	3.11	-92	RUMP & FTR VOL
	2.0	8.8	0.5	61.55	6.78	22.0	51.0	0.210	3.11	-92	CLEAR/BAD ORDER
1423	3.0	11.3	0.5	61.55	6.78	22.0	51.0	0.210	3.11	-92	CLEAR/BAD ORDER
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x 80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1410	1433	0.5	12.16	N/A	N/A	61.55	1435	IR2M004-WG 032807-0001			

Notes:
 Ferrrous Iron: 0.19 mg/L
 Hydrogen Sulfide 0.0318 mg/L

ft-bmp = feet below measuring point



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Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

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Project Name: _____ Date: 3-19-07 Prepared By: SR											
Well Identification: MWC-016 Weather: Overcast											
Measurement Point Description: TOC NORTH Pump Intake: ~115 Screens: 102.5 - 127.5											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x C)	Screen Volume (Screen length x C)	1/2 Screen Volume	

Field Equipment: Solinst, Horiba											
Purge Method: 2" Grundfos Pump											
Well Condition: Good											
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:07	Above	27.0	1.2	61.67	7.39	23.0	37	.14	4.43	65	Clear
13:14	.5	35.0	1.1	61.56	7.40	23.3	48	.14	4.13	74	" "
13:21	1.0	43.0	1.1	61.56	7.41	23.3	72	.14	4.20	78	" "
13:28	1.5	51.0	1.1	61.56	7.40	23.1	120	.14	4.21	82	Cloudy
13:35	2.0	59.0	1.1	61.68	7.39	22.9	05	.15	4.34	84	Clear
13:42	2.5	67.0	1.1	61.68	7.39	22.9	05	.15	4.38	85	Clear
13:49	3.0	75.0	1.1	61.68	7.39	22.9	10	.15	4.67	86	Clear
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Level Depth (C x .80)	Total Purged Volumes Above Screen	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1245	1349	77	77	74.61	1 Above Screen	61.20	1351	MWC-016-WG031907.001			
Notes: Pumped Purged H ₂ O into Compound TANK Ferric Iron: 0.00 mg/L Dup.											

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: <u>Boeing TORRANCE</u>		Date: <u>3-19-07</u>									
Project No.: <u>EM</u>		Prepared By: <u>SR</u>									
Well Identification: <u>TMW-04</u>		Weather: <u>OVERCAST</u>									
Measurement Point Description: <u>TOC NORTH</u>		Pump Intake: <u>~70</u>									
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) (ft ³)	Screen Volume (Screen length x ft)	1/2 screen Volume	
---	059.28	84.00	24.72	--	3.95	11.86	1.97	--	--	--	
Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba							
Gallons per foot of casing		0.75	4	6	Purge Method: <u>2" Grundfos Pump</u>						
Time		0.02	0.65	1.47	Well Condition: <u>Good</u>						
	(Casing/Screen)	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1512	.5	2.0	.5	59.36	7.03	22.9	0.5	.11	2.99	81	Clear
1516	1.0	4.0	.5	59.30	7.10	23.0	0.5	.14	2.43	69	" "
1520	1.5	6.0	.5	59.45	7.19	25.1	200	.45	0.42	52	Cloudy
1524	2.0	8.0	.5	59.47	7.20	25.2	180	.45	0.43	52	" "
1528	2.5	10.0	.5	59.58	7.21	24.4	180	.29	0.58	50	" "
1532	3.0	12.0	.5	59.72	7.22	23.7	280	.25	0.63	54	" "
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (B - (C x .80))	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
15:08	1532	.5	13.0	3.0	67.22		1535	TMW-04-WG031907.0001			
Notes: <u>Ferrous Iron: 0.00 mg/L</u> <u>Purged H₂O Pumped into Compound Tank</u> <u>Drum No.:</u>											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Former C-6 REALITY, TORONTO		Date: 3-19-06										
Project No.: EM 2727-01		Prepared By: SA										
Well Identification: MWC 004		Weather: Cloudy										
Measurement Point Description: TOC NEST		Pump Intake: 105										
Screen: 94-116												
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C-XD-E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D)	1/2 screen Volume	
												Well Total Depth (ft-bmp)
---	59.41	113.85	54.44	--	--	--	--	--	23.78	13	6.50	
Field Equipment: Sollinst, Horiba												
Purge Method: 2" EXHAUST PUMP IN DEDICATED TUBING.												
Well Condition: GOOD												
Time	Purge End Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1037		ABNTE	24	1.5	60.35	7.36	23.1	87	0.11	5.70	-243	Clear/NO ODOR
1042		0.5	30.5	1.3	60.44	7.36	23.1	110	0.11	5.62	-245	Clear/NO ODOR
1047		1.0	37	1.3	60.46	7.31	23.1	115	0.11	5.63	-241	Clear/NO ODOR
1052		1.5	43.5	1.3	60.50	7.26	23.1	130	0.11	5.64	-234	Clear/NO ODOR
1057		2.0	50	1.3	60.54	7.24	23.1	130	0.11	5.62	-229	Clear/NO ODOR
1102		2.5	56.5	1.3	60.55	7.23	23.1	100	0.11	5.60	-225	Clear/NO ODOR
1107		3.0	63	1.3	60.55	7.22	23.1	120	0.11	5.50	-222	Clear/NO ODOR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth (ft-bmp)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification				
1021	1108	1.3	65	3.0	70.30	60.55	1109	MWC004-UG031907-001 Dup.				
Notes: * INITIAL WATER COLUMN IS CLOUDY * DIFFERENCE IN DO FROM LAST EVENT * DIFFERENCE ALSO IN CONDUCTIVITY & TURBIDITY.												
Ferrrous Iron: 0.20 mg/L Drum No.: P0260 WELL WATER INTO COMPOUND TANK.												

feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: TRINEX C-6 SECURITY FACILITY		Date: 3-19-07																						
Project No.: EM 2727-01		Prepared By: SA																						
Well Identification: MWB007		Weather: COOL / CLOUDY																						
Measurement Point Description: TOO NORTH		Pump Intake: ~ 75																						
Depth to LNAPL (ft-bmp)	A	Well Total Depth (ft-bmp)	B	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	C	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x P	Screen Volume (Screen length x P)	1/2 screen Volume												
	58.29												90.00	31.71	--	20.61	61.83	10.50	--	--	--			
Well Diameter (in)				Field Equipment: Solinst, Horiba																				
Gallons per foot of casing				Purge Method: 2" GALVANIZED PUMP W/ DEDICATED TUBING																				
Gallons per foot of casing				Well Condition: GOOD																				
Purge Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations	Sample Identification												
													1258	10.50	1.5	58.52	6.92	22.7	70	0.23	8.95	50	CLEAR/NO ODOUR	
													1305	21	1.5	58.56	6.93	22.7	57	0.24	8.17	54	CLEAR/NO ODOUR	
													1312	31.5	1.5	58.57	6.93	22.7	48	0.23	7.33	58	CLEAR/NO ODOUR	
													1319	42	1.5	58.60	6.93	22.6	37	0.23	6.86	50	CLEAR/NO ODOUR	
													1326	52.5	1.5	58.60	6.93	22.6	36	0.23	6.73	53	CLEAR/NO ODOUR	
1333	63	1.5	58.61	6.93	22.6	36	0.25	6.74	54	CLEAR/NO ODOUR														
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth B - (C x .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time																	
1251	1334	1.5	65	64.63	3.0	58.61	1335	MWB007 - W6 03/19/07 - 0001 Dup.																

Notes: INITIAL START COLOR IS CLOUDY, # OF DIFFERENT THAN LAST EVENT.

Drum No.: **PURGED WELL WATER INTO COMPOND TANK**

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc.

Project Name: FORMER C-6 RESIDENTIAL TRAPRAVE		Date: 3-19-07		Prepared By: JA		Screen: 65-85					
Project No.: EM 2227-01		Weather: CLOUDY / WINDS		Pump Intake: ~75							
Well Identification: MW-07		Measurement Point Description: TCC, NADOT									
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E / 2)	Above Screen Volume (Top screen - DTW) x F	Screen Volume (Screen length x F)	1/2 screen Volume	
											Field Equipment: Solinst, Horiba
Well Diameter (in)		Gallons/Foot		Purge Method: 2' GRUNDIGS PUMP W/ MEDICATED TUBING		Well Condition: GOOD					
Gallons per foot of casing		0.75	4	6	0.65	1.47	2	0.16			
Purge Start Time	Purge End Time	Purge Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification	Observations	
1503	1516	1513	0.5	11	0.69	65.97	61.79	1517	TRAIL 02 W6031907-0001	CLOUDY / NO ODR	
1505			0.5		6.99					CLOUDY / NO ODR	
1507			0.5		6.96					CLEAR / NO ODR	
1509			0.5		6.96					CLEAR / NO ODR	
1511			0.5		6.95					CLEAR / NO ODR	
1513			0.5		6.95					CLEAR / NO ODR	
1515			0.5		6.95					CLEAR / NO ODR	

Notes: INITIAL COLOR CLOUDY

Ferrous Iron: 0.2 mg/L

Drum No.: PUMPED WELL WATER INTO COOP ROUND TRAIL

Dup.

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page of

Project Name: **FRAMER C-6 FACILITY, TORRANCE**
 Project No.: **EM 2727-01**
 Well Identification: **WCC-45**
 Measurement Point Description: **TAC AREA**
 Date: **3-19-07**
 Prepared By: **JVA**
 Weather: **Windy/Cloudy**
 Pump Intake: **279'**
 Screen: **70.5-90.5**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x F	Screen Volume (Screen length x F)	1/2 screen Volume
--	59.37	92.00	32.63	--	--	--	--	7.23	13	6.5

Field Equipment: **Solinist, Horiba**
 Purge Method: **2" GANGES PUMP W/DEDICATED TUBING**
 Well Condition: **GOOD**

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0806	ABOVE	7.5	1.3	59.88	6.80	23.2	22	0.25	7.03	-43	CLEAR/NO ODOOR
0811	0.5'	14	1.3	59.89	6.81	23.2	32	0.24	6.90	-50	CLEAR/NO ODOOR
0816	1.0'	20.5	1.3	59.90	6.84	23.2	27	0.23	6.76	-56	CLEAR/NO ODOOR
0821	1.5'	27	1.3	59.92	6.86	23.2	24	0.21	6.64	-53	CLEAR/NO ODOOR
0824	2.0'	33.5	1.3	59.94	6.87	23.2	20	0.21	6.52	-66	CLEAR/NO ODOOR
0831	2.5'	40	1.3	59.95	6.88	23.2	27	0.20	6.36	-68	CLEAR/NO ODOOR
0836	3.0'	46	1.3	59.95	6.89	23.2	20	0.20	6.30	-68	CLEAR/NO ODOOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0800	0837	1.3	47	ABOVE - 75 GAL	65.90	59.95	0838	WCC-45-W6031907-0001 Dup.

Notes: **INITIAL START CLEAR CLOUDY**
Ferrrous Iron = 0.01 mg/L
 Drum No.: **PURGED WEL WATER INTO COMPOUND TANK**

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc.

Groundwater Sampling Data Sheet

Project Name: **FRANK C-6 FACILITY TORRANCE** Date: **3-20-07**
 Project No.: **EM 2727-01** Prepared By: **JA**
 Well Identification: **MW00024** Weather: **Windy/Cool**
 Measurement Point Description: **TCC Delta** Pump Intake: **~100'** Screen: **96-121**

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C x D=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) (ft-bmp)	Screen Volume (Screen length x L)	1/2 screen Volume
--	60.23	123.71	63.48	--	--	--	--	23.25	16.25	8.15

Field Equipment: **Solinst, Horiba**
 Purge Method: **2" Gumballs Pump w/ Dedicated Turbine**
 Well Diameter (in): **4** Gallons/foot: **6**
 Gallons per foot of casing: **0.65** Well Condition: **GOOD**

Time	Casing/Screens	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity S/m	Dissolved Oxygen (mg/L)	ORP (mv)	Observations
0823	ABOVE	23.50	1.6	60.72	6.89	22.3	0.3	0.201	8.30	80	NEAR/NO DATA
0829	0.5	31.65	1.6	60.73	6.90	22.4	0.8	0.200	8.25	80	CLEAR/NO DATA
0835	1.0	39.80	1.6	60.71	6.90	22.4	1.0	0.200	8.10	78	CLEAR/NO DATA
0841	1.5	47.95	1.6	61.00	6.91	22.5	1.0	0.202	8.00	70	CLEAR/NO DATA
0847	2.0	56.10	1.6	61.10	6.91	22.5	1.3	0.201	7.98	68	CLEAR/NO DATA
0853	2.5	64.25	1.6	61.11	6.89	22.5	2.1	0.199	7.90	65	CLEAR/NO DATA
0859	3.0	72.4	1.6	61.11	6.89	22.5	2.1	0.199	7.89	64	CLEAR/NO DATA

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B-(C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0808	0900	1.6	73.0	ABOVE 23.50 GAL SCREEN 3-0	72.93	61.17	0901	MW00024-W6032007-0001

Notes: *** INITIAL CONCENTRATION IS CLEAR.**
PERVIOUS IRON: 0.01 mg/L

Drum No.: **FRANK PURGED WATER TO COMPANY TANK** Dup.

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Former C6 Terrace		Date: 3-21-07									
Project No.: EM		Prepared By: SR									
Well Identification: DAC-PI		Weather: Sunny									
Measurement Point Description: TOC NORTH		Pump Intake: ~75									
Screen: 60-90											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x I)	1/2 screen Volume	
											Field Equipment: Sollinst, Horiba
Well Diameter (in)		Gallons/foot		Purge Method: 2" Grunfos Pump		Well Condition: Good					
Gallons per foot of casing		0.75	2	4	6	1.47	0.65				
Gallons per foot of casing		0.02	0.16	0.65	1.47	0.65					
Time	Casing Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1348	.5	9.0	1.3	64.02	7.01	24.3	170	.18	.54	-66	Cloudy
1355	1.0	18.0	1.3	64.10	7.02	24.3	73	2.21	2.21	-22	Clear
1402	1.5	27.0	1.3	64.11	7.05	24.4	59	.19	2.33	-14	Clear
1409	2.0	36.0	1.3	64.12	7.10	24.3	230	.19	2.68	3	Cloudy
1416	2.5	45.0	1.3	64.12	7.11	24.3	290	.19	2.91	14	Cloudy
1423	3.0	54.0	1.3	64.17	7.12	24.4	390	.19	2.97	16	Cloudy
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth B - (C x .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
13:41	14:23	1.3	56.0	67.96	3.0	62.70	14:25	DAC-PI-032107-0001			
Notes: Well Box needs new Gasket. Ferrrous Iron: 0.02 mg/L Drum No.: Put Purge H2O into Compund Tank											

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: C6 Terrace		Date: 3-21-07									
Project No.: EM		Prepared By: SR									
Well Identification: MWC.006		Weather: cloudy									
Measurement Point Description: TOC NORTH		Pump Intake: ~ 105									
Screen: 95-115											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x C) (Screen Length x L)	1/2 screen Volume		
---	60.95	116.60	55.65	---	---	---	---	5.44	1.6		
Field Equipment: Solinst, Horiba											
Well Diameter (in)		Gallons/foot		Purge Method:		Well Condition:					
0.75		2		2" Grunfos		Good					
0.02		0.16		1.47							
Time	Gassing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1233	Above	5.5	.5	65.90	7.38	24.3	210	80	.66	-282	cloudy
1236	.5	7.0	.5	67.01	7.39	24.3	260	80	.63	-281	" "
1239	1.0	8.5	.5	67.54	7.40	24.3	280	80	.59	-280	" "
1242	1.5	10.0	.5	67.85	7.40	24.4	400	85	.54	-279	" "
1245	2.0	11.5	.5	68.57	7.41	24.3	270	90	.51	-279	" "
1248	2.5	13.0	.5	69.11	7.41	24.4	260	81	.50	-278	" "
1251	3.0	14.5	.5	69.32	7.40	24.3	380	97	.48	-279	" "
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1222	1251	.5	16.0	1 Above 3 Screens	72.08	60.96	1255	MWC.006-WG032107-0001			
Notes: Ferrus Iron Put Purge H ₂ O into Compound Tank 0.60 mg/L											
Drum No.:											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: C6 Boeing Terrace Date: 3-21-07
 Prepared By: SR
 Well Identification: MWB-006 Weather: Cloudy
 Measurement Point Description: TOC NORTH Pump Intake: SR Screen: 6.5-90

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well			LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Above Screen Volume (Top screen - DTW) (ft ³)	Screen Volume (Screen length x ft ³)	1/2 screen Volume
		Total Depth (ft-bmp)	Well Depth (ft-bmp)	Water Column Height (ft) (A-B=C)		One (1) Casing Volume (gallons) (C x D=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)			
--	60.81	92.94	32.13	--	--	--	--	2.7	16.25	8.1	

Field Equipment: Solinst, Horiba
 Purge Method: 2" Grundfos Pump
 Well Condition: Good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
09:01	Above	3.0	.50	63.10	6.50	25.2	110	.40	1.45	-98	Cloudy
09:17	.5	11.0	.50	65.55	6.55	25.5	180	.49	1.18	-101	" "
09:32	1.0	19.0	.51	68.78	6.49	26.3	230	.46	1.36	-115	" "
09:52	1.5	27.0	.40	67.32	6.58	27.8	370	.43	0.71	-142	" "
10:13	2.0	35.0	.38	71.78	6.53	26.1	560	.48	1.03	-129	" "
10:33	2.5	43.0	.40	71.34	6.61	25.9	480	.46	.85	-138	" "
10:53	3.0	51.0	.40	66.90	6.91	25.2	54	.38	4.03	-131	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth (ft-bmp)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
08:55	10:53	.443	53.0	67.23	64.01	11:00	MWB006-WG033107-0001

Notes: Sampled & Purged MWB-006 1st set up on D.O Test. 1-2 sample
Well 1st by mistake 09:38 Slowed Rate down drawing down too fast
* Indicate miscirculation's made before purging by STAN RUSZKIEWICZ
Corrected before purging
Purge H₂O into Compound Tank
Ferrous Iron - 3.30mg/L
Hydrogen Sulfide 5.0. 0318 mg/L

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

Project Name: FRASER C-6 FACILITY, TORONTO		Date: 3-21-07									
Project No.: EM 2727-01		Prepared By: JA									
Well Identification: 6-8-88 EWJ001		Weather: Windy/Warm									
Measurement Point Description: TOC, NORTH		Pump Intake: ~103.5									
Screen: 91-111											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) (ft ³)	Screen Volume (Screen length x V)	1/2 screen Volume
---	59.88	121.00	61.12						23.48	9.75	4.88
Field Equipment: Solinst, Horiba											
Well Diameter (in)		Gallons/Foot		Purge Method: 2" Grounding Pump w/ Degassed Turbine							
D		0.75	2	6							
Gallons per foot of casing		0.02	0.16	1.47	Well Condition: Good						
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1223	ABOVE	23.50	1.00	60.51	6.78	23.2	60	0.20	7.09	-240	CLEAR/PAIN LIKE ODR
1228	0.5	28.50	1.20	60.54	6.79	23.2	43	0.24	6.78	-240	CLEAR/PAIN LIKE ODR
1233	1.0	33.50	1.20	60.55	6.78	23.2	30	0.24	6.62	-240	CLEAR/PAIN LIKE ODR
1238	1.5	38.50	1.20	60.55	6.79	23.2	21	0.25	6.47	-240	CLEAR/PAIN LIKE ODR
1243	2.0	43.50	1.20	60.56	6.79	23.2	17	0.25	6.38	-240	CLEAR/PAIN LIKE ODR
1248	2.5	48.50	1.20	60.57	6.79	23.2	17	0.25	6.37	-240	CLEAR/PAIN LIKE ODR
1253	3.0	53.50	1.20	60.56	6.80	23.2	10	0.24	6.53	-240	CLEAR/PAIN LIKE ODR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Level Depth 5' (C x 80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1200	1254	1.20	54.0	72.10	ABOVE 238ft. SCREEN - 3.0	60.56	1255	EWJ001-W6032107-0001 Dup.			

Notes: INITIAL PURGE COLOR IS CLEAR W/ODOR. FERTILISER REAN 1.88 mg/L

Drum No.: PULSED WELL WATER TO CONDUIT BACK

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: FRANZ C-6 BENTON TRENCH		Date: 3-27-07									
Project No.: EM 2727-01		Prepared By: JA									
Well Identification: MUJ0005		Weather: Sunny/ Warm									
Measurement Point Description: DC, NETA		Pump Intake: ~ 75									
Screen: 65-85											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) (ft)	Screen Volume (Screen length x (1))	1/2 screen Volume	
---	59.92	85.00	25.08	---	---	---	---	3.5	13	6.5	
Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba							
4		0.75	2	6	Purge Method: 2' GRAPES Pump w/ DEDICATED TUBING						
Well Diameter (in)		Gallons/Foot		Well Condition: GOOD							
1.47		0.02	0.16	1.47							
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1433	APRVE	3.5	1.3	60.10	6.93	22.9	16	0.190	2.00	45	CLEAR/NO ODR
1438	0.5	10	1.3	60.15	6.93	22.9	15	0.190	1.89	33	CLEAR/NO ODR
1443	1.0	16.5	1.3	60.18	6.92	22.9	10	0.190	1.46	20	NEAR/NO ODR
1448	1.5	23	1.3	60.19	6.92	22.9	8	0.190	1.02	33	CLEAR/NO ODR
1453	2.0	29.5	1.3	60.20	6.93	22.9	0	0.200	1.01	43	CLEAR/NO ODR
1458	2.5	36	1.3	60.20	6.93	22.9	1	0.200	1.01	48	CLEAR/NO ODR
1503	3.0	42.5	1.3	60.18	6.93	22.9	0	0.200	1.05	50	CLEAR/NO ODR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth B - (C x .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1430	1504	1.3	44	64.94	APRVE - 3.560 SAPRES - 3.0	60.18	1505	MUJ0005-WB03/07-0001			
Notes: INITIAL PURE CAS. IS CLEAR											
FERRUS Iron: 0.08 mg/l											
Drum No.: PURE WELL WATER INTO COMPOND TANKS.											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: FORMER C-6 FACILITY, TORRANCE		Date: 3-21-07									
Project No.: EM 2727-01		Prepared By: JA									
Well Identification: MW0023		Weather: Cloudy/Cool									
Measurement Point Description: T8C, NORTH		Pump Intake: ~105									
Screen: 97-117											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C, XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x P	Screen Volume (Screen length x P)	1/2 screen Volume
---	58.66	115.00	56.34	---	---	---	---	---	24.92	13	6.5
Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba							
0.75		2		Purge Method: 2' GRUNDIGS PUMP w/ DEDICATED TUBING							
0.02		0.16		Well Condition: GRADED							
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0956	ABOVE	25	1.6	63.39	7.06	23.6	23	0.13	7.15	-239	CLEAR/NO ODR
1000	0.5	31.5	1.6	63.51	7.06	23.6	25	0.13	6.93	-239	CLEAR/NO ODR
1004	1.0	38	1.6	63.79	7.07	23.5	19	0.13	6.89	-238	CLEAR/NO ODR
1008	1.5	44.5	1.6	64.00	7.07	23.5	18	0.13	6.61	-235	CLEAR/NO ODR
1012	2.0	51	1.6	64.28	7.08	23.4	18	0.13	6.45	-233	CLEAR/NO ODR
1016	2.5	57.5	1.6	64.50	7.08	23.4	16	0.13	6.30	-231	CLEAR/NO ODR
1020	3.0	64	1.6	64.72	7.09	23.4	15	0.13	6.30	-229	CLEAR/NO ODR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
0941	1021	1.6	66	POSSIBLY 25 GAL. SCREEN - 3.0	69.93	64.72	1022	MWC023-W6032107-001			
Notes: INITIAL COLOR IS CLEAR. Ferrrous Iron: 0.37 mg/L											
Drum No.: PUMPED WATER INTO COMPOUND TANK											

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

Project Name: **FORNER C-6 FACILITY, TREVINO** Date: **3-21-07**
 Project No.: **EM 2727-01** Prepared By: **JA**
 Well Identification: **W00035** Weather: **WINDY / COOL WITH MIST**
 Measurement Point Description: **TOL, NORTH** Pump Intake: **~79** Screen: **69-89**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Above Screen Volume (Top screen - DTW) (ft ³)	Screen Volume (Screen length x ft ³)	1/2 screen Volume
					One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E / 2)			
---	59.76	87.87	27.92	---	---	---	6.0	3.0	13	6.5

Field Equipment: **Solinst, Horiba**
 Purge Method: **2" Geyser Pump w/ Dedicated Tube**
 Well Diameter (in): **4 6**
 Gallons per foot of casing: **0.75**
 Well Condition: **Good**

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0753	0.5	12.5	1.60	60.42	6.45	23.0	76	0.31	9.86	-221	CLEAR/NO ODOR
0757	1.0	19	1.60	60.49	6.51	22.9	48	0.29	9.42	-200	CLEAR/NO ODOR
0801	1.5	25.5	1.60	60.50	6.55	22.9	46	0.26	8.83	-203	CLEAR/NO ODOR
0805	2.0	32	1.60	60.51	6.51	22.9	40	0.24	8.75	-210	CLEAR/NO ODOR
0809	2.5	38.5	1.60	60.51	6.51	22.9	33	0.25	8.68	-212	CLEAR/NO ODOR
0813	3.0	45	1.60	60.52	6.51	22.9	30	0.24	8.59	-212	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0745	0814	1.6	47	65.53	60.52	0815	W00035-H6032107-0001

Notes: **INITIAL WATER COLOR IS BROWN, * DIFFERENCE IN 0.0 + CONDUCTIVITY FROM LAST TEST.**
Ferrus Iron: 2.77 mg/L
 Dup.
 Drum No.: **PURGED WELL WATER TO COMPOUND TANK**

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: FOUNDRY C-6 FACILITY, TORONTO
 Project No.: EM 2727-01
 Well Identification: MWB028
 Measurement Point Description: TOC, NASTA
 Date: 3-22-07
 Prepared By: JA
 Weather: SUNNY/COOL
 Pump Intake: 80
 Screen: 65-90

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) (ft)	Screen Volume (Screen length x 1)	1/2 screen Volume
--	64.30	90.20	25.9	--	4.14	12.42	2.0	--	--	--

Field Equipment: Solinst, Horiba
 Purge Method: 2" BRUNNEN PUMP w/ DEDICATED TUBING
 Well Condition: GOOD

Time	Well Diameter (in)	Gallons per foot of casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0746	0.5	0.16	2.0	0.5	64.40	6.67	23.5	880	0.150	6.97	62	TAN/NO ODOR
0750	1.0	0.16	4.0	0.5	64.41	6.89	23.6	990	0.150	6.50	49	TAN/NO ODOR
0754	1.5	0.16	6.0	0.5	64.41	6.94	23.7	880	0.150	6.28	43	TAN/NO ODOR
0758	2.0	0.16	8.0	0.5	64.41	6.97	23.7	500	0.150	6.11	34	CLOUDY/NO ODOR
0802	2.5	0.16	10.0	0.5	64.41	6.99	23.6	220	0.150	6.01	31	CLEAR/NO ODOR
0806	3.0	0.16	12.0	0.5	64.41	7.00	23.7	110	0.140	5.91	29	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (ft-bmp) (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0742	0807	0.5	13	3.0	69.48		0808	

Notes: * INITIAL PURGE COLOR IS TAN
 Ferrus Iron: 0.48 mg/L
 Dup.
 Drum No.: 0808
 PULLED WELP WATER INTO COMPOUND TANK

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

Project Name: FARMER C-6 FACILITY, TORONTO Date: 3-22-07
 Project No.: EM 2727-01 Prepared By: JA
 Well Identification: MWB027 Weather: SUNNY/WARM
 Measurement Point Description: TOC, NORTH Pump Intake: 2-80 Screen: 67.5-87.5

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons) (E x 3)			1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x F)	Screen Volume (Screen length x F)	1/2 screen Volume
					One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)				
---	<u>64.16</u>	<u>88.50</u>	<u>24.34</u>	---	<u>3.89</u>	<u>11.67</u>	<u>2</u>	---	---	---	

Field Equipment: Sollinst, Horiba
 Purge Method: 2" GRANULOS PUMP w/ DESICATED TUBING
 Well Diameter (in): 6
 Well Conditions: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
<u>1004</u>	<u>0.5</u>	<u>2</u>	<u>0.5</u>	<u>67.70</u>	<u>6.87</u>	<u>22.8</u>	<u>280</u>	<u>0.25</u>	<u>7.19</u>	<u>-208</u>	<u>TRAP/NO DATA</u>
<u>1008</u>	<u>1.0</u>	<u>4</u>	<u>0.5</u>	<u>68.00</u>	<u>6.87</u>	<u>23.6</u>	<u>180</u>	<u>0.26</u>	<u>5.58</u>	<u>-160</u>	<u>CLEAR/NO DATA</u>
<u>1012</u>	<u>1.5</u>	<u>6</u>	<u>0.5</u>	<u>68.18</u>	<u>6.86</u>	<u>23.6</u>	<u>140</u>	<u>0.27</u>	<u>5.20</u>	<u>-129</u>	<u>CLEAR/NO DATA</u>
<u>1016</u>	<u>2.0</u>	<u>8</u>	<u>0.5</u>	<u>68.46</u>	<u>6.86</u>	<u>23.5</u>	<u>33</u>	<u>0.29</u>	<u>4.94</u>	<u>-130</u>	<u>CLEAR/NO DATA</u>
<u>1020</u>	<u>2.5</u>	<u>10</u>	<u>0.4</u>	<u>68.65</u>	<u>6.86</u>	<u>23.6</u>	<u>30</u>	<u>0.30</u>	<u>4.85</u>	<u>-126</u>	<u>CLEAR/NO DATA</u>
<u>1026</u>	<u>3.0</u>	<u>12</u>	<u>0.4</u>	<u>68.80</u>	<u>6.86</u>	<u>23.5</u>	<u>29</u>	<u>0.30</u>	<u>4.81</u>	<u>-121</u>	<u>CLEAR/NO DATA</u>

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B-(C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
<u>1000</u>	<u>1027</u>	<u>0.5</u>	<u>14</u>	<u>3.0</u>	<u>69.03</u>	<u>68.80</u>	<u>1028</u>	<u>MWB027-W603207-001</u>

Notes: INITIAL WATER LEVEL BUILT
Ferrrous Iron : 0.72 mg/L MWB027-W603207-001
Drum No.: PULSED WELL WATER-MTD COMPANY TANK

ft-bmp = feet below measuring point



TAI Environmental Management, Inc.

Groundwater Sampling Data Sheet

Project Name: Trainer C-6 Facility TORANGE Date: 8-22-07
 Project No.: EM 2727-01 Prepared By: JA
 Well Identification: MUNB003 Weather: Sunny Warm
 Measurement Point Description: DC J0871 Pump Intake: 80 Screen: 65-90

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) x D	Screen Volume (Screen length x D)	1/2 screen Volume	
											Field Equipment: Solinst, Horiba
--	64.35	89.61	25.26	--	4.04	12.12	2	--	--	--	
Purge Method: <u>2" Gravel Pump/W/ DEDICATED TUBING</u>											
Well Condition: <u>GOOD</u>											
Well Diameter (in)		Gallons/Foot		Purge Method:		Well Condition:					
0.75		2		4		6					
0.02		0.19		0.65		1.47					
Time	Casing Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1147	0.5	2	0.40	64.55	6.78	24.4	420	0.24	8.10	12	THU/NO DATA
1152	1.0	4	0.40	64.58	6.76	24.4	200	0.23	7.50	20	THU/NO DATA
1157	1.5	6	0.40	64.60	6.73	24.4	70	0.23	6.79	27	THU/NO DATA
1202	2.0	8	0.40	64.58	6.71	24.7	61	0.23	6.42	28	THU/NO DATA
1207	2.5	10	0.40	64.57	6.70	24.7	38	0.23	6.12	28	THU/NO DATA
1212	3.0	12	0.40	64.57	6.70	24.7	36	0.23	6.10	28	THU/NO DATA
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1142	1213	0.40	13	3.0	69.40	64.57	1214	MUNB003-WG03207-0001			

Notes: INITIAL COLOR BROWN
 Ferrrous Iron = 0.00 mg/L
 Dup.
 Drum No.: PROD WEL WATER INTU
COMBOND TANK

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

Project Name: Former C-6 Facility Tankage
 Project No.: EM 2727-01
 Well Identification: W6002
 Measurement Point Description: TDC, North
 Date: 3-22-07
 Prepared By: JA
 Weather: SUNNY / WINDY
 Pump Intake: 100
 Screen: 9A-116

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW in P)	Screen Volume (Screen length x P)	1/2 screen Volume
---	59.70	115.77	56.07	---	---	---	---	23.60	13	6.5

Field Equipment: Solinst, Horiba

Well Diameter (in): 0.75
 Gallons per foot of casing: 0.02
 Purge Method: 2" Standby Pump w/DEDICATED TRUNK
 Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity S/m	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1538	ABOVE	23.60	1.5	60.88	6.97	22.7	6	0.12	5.93	13	CLEAR/NO ODR
1542	0.5	30.1	1.6	60.90	6.99	22.7	4	0.12	5.76	12	CLEAR/NO ODR
1546	1.0	36.6	1.6	60.95	7.00	22.6	4	0.12	5.60	12	CLEAR/NO ODR
1550	1.5	43.1	1.6	60.95	7.02	22.7	5	0.12	5.47	12	CLEAR/NO ODR
1554	2.0	49.6	1.6	60.99	7.02	22.6	7	0.12	5.41	10	CLEAR/NO ODR
1558	2.5	56.1	1.6	60.99	7.03	22.6	6	0.12	5.40	11	CLEAR/NO ODR
1602	3.0	62.6	1.6	61.00	7.03	22.6	7	0.12	5.34	11	CLEAR/NO ODR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth ft. (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1522	1603	1.6	ABOVE - 23.60 SCREEN - 3.0	64	70.91	61.00	1604	W6002 - W600207-0001

Notes: START INITIAL PURGE COLDR IS CLEAR

Drum No.: PURGED W/BL WATER INTO UNPUMPED TRAP

Dup.

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name:		Date: 3-22-07									
Project No.: EM		Prepared By: SR									
Well Identification: WCC-065		Weather: SUNNY									
Measurement Point Description: TOC NORTH		Pump Intake: ~70									
Screen: 60-90											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) (ft-bmp)	Screen Volume (Screen length x 1')	1/2 screen Volume	
---	59.88	84.80	24.92	---	16.19	48.59	8.09	---	---	---	
Well Diameter (in)		Gallons/Foot		Field Equipment: Solinst, Horiba							
0.75		2		6		Purge Method: Walter A Pump					
0.02		0.16		1.47		Well Condition: Good					
Time	Casing Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0950	.5	8.0	.32	60.70	7.83	22.0	984	273	2.31	+88	GREY
1006	1.0	16.0	.50	61.50	7.76	22.9	774	239	3.40	-112	" "
1018	1.5	24.0	.66	61.24	7.76	22.8	681	233	3.59	-118	" "
1036	2.0	32.0	.44	66.64	7.72	22.5	527	232	3.39	-118	" "
1055	2.5	40.0	.42	67.10	7.70	22.7	223	235	3.03	-120	" "
1115	3.0	48.0	.40	67.00	7.72	21.9	189	237	5.21	-120	cloudy
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
0925	11:15	.43	50.0	3.0	64.86	64.80	1120	WC-065-WC032207-0001 Dup.			

Notes: 1019 Sixed pump down
 Purged H₂O into Compound Tank
 Ferrrous Iron: 2.22 mg/L
 DO Test: 2.3 mg/L
 Drum No.:

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: <u>Boeing C6 Tankage</u>		Date: <u>3-22-07</u>									
Project No.: <u>EM</u>		Prepared By: <u>SR</u>									
Well Identification: <u>CMW-001</u>		Weather: <u>SUNNY</u>									
Measurement Point Description: <u>TOC NORTH</u>		Pump Intake: <u>~110</u>									
Screen: <u>99-124</u>											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E/2)	1/2 Screen Volume (Screen length x F)	1/2 screen Volume	
---	<u>63.05/63.05</u>	<u>124.21</u>	<u>61.16</u>	---	---	---	---	---	---	---	
Field Equipment: <u>Solinist, Horiba</u>											
Well Diameter (in)		Gallons/Foot		Purge Method: <u>Low Flow / Monsoon Pump</u>		Well Condition: <u>Good</u>					
Gallons per foot of casing		0.75	2	4	6						
		0.02	0.16	0.65	1.47						
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (TRPS/gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µsm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
<u>1328</u>	<u>Initial Purge</u>	<u>5.0</u>	<u>.38</u>	<u>63.13</u>	<u>8.43</u>	<u>26.6</u>	<u>2.0</u>	<u>.090</u>	<u>3.40</u>	<u>49</u>	<u>Clear</u>
<u>1334</u>		<u>7.5</u>	<u>.41</u>	<u>63.13</u>	<u>8.14</u>	<u>25.7</u>	<u>3.0</u>	<u>86.3 µsm</u>	<u>3.03</u>	<u>-21</u>	<u>" "</u>
<u>1339</u>		<u>10.0</u>	<u>.50</u>	<u>63.18</u>	<u>8.04</u>	<u>24.6</u>	<u>2.0</u>	<u>83.8 µsm</u>	<u>4.98</u>	<u>-54</u>	<u>" "</u>
<u>1344</u>		<u>12.5</u>	<u>.50</u>	<u>63.19</u>	<u>8.05</u>	<u>23.9</u>	<u>2.0</u>	<u>82.6 µsm</u>	<u>6.04</u>	<u>-50</u>	<u>" "</u>
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
<u>1345</u>	<u>1344</u>	<u>.43</u>	<u>13.0</u>	<u>-</u>	<u>-</u>	<u>63.00</u>	<u>1355</u>	<u>CMW-001-WG032207-000L</u>			
Notes: <u>Ferrous Iron: mg/L 63.00</u>											
<u>Hydrogen Sulfide: mg/gallon compound TANK</u>											
<u>Purged H2S pumped into Drum No.:</u>											
<u>Dup.</u>											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

LOW FLOW

Page of

Project Name: C6 Boeing Terrace Date: 3-22-07
 Project No.: EM Prepared By: SR
 Well Identification: MALG003 Weather: SUNNY
 Measurement Point Description: TOC NORTH Pump Intake: 100

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Screen Volume (Screen length x D)	1/2 screen Volume
					One (1) Casing Volume (C x D x E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)		
---	61.98	185.00	---	---	---	---	---	---	---

Field Equipment: Solinst, Horiba
 Purge Method: SS MOUNTAIN
 Well Conditions: Good

Time	Casing/Screen Purge	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1453	1.0	6.06	0.75	62.01	8.24	25.6	92.0	95.1	2.89	-10	Cloudy
1500	2.0	11.06	0.16	62.01	8.16	27.2	5.0	1093.5	3.31	-44	Clear
1505	3.0	13.56	0.16	62.01	8.07	28.2	3.0	1091.5	2.88	-61	Clear
1510	4.0	14.06	0.16	62.00	8.06	26.6	4.0	90.8	1.89	-73	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1455	1510	0.54	14.0	NA	NA	61.98	15:15	MWG-003-WG032207-0001

Notes: Pumped Purged H₂O INTO Compound TANK
 Ferric Iron: 0.00mg/L

ft-bmp = feet below measurement point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Page of

Project Name: **Former 1-6** Date: **3/22/07**
 Project No.: **EM 2727** Prepared By: **LU**
 Well Identification: **CMW002** Weather: **Sunny ~ 75°F**
 Measurement Point Description: **DC Backwash** Pump Intake: **2110'**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Pump Intake:			Screen: Above-Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
					One (1) Casing Volume (gallons) (C x D x E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)			
① 61.50	124.07	62.57								
② 61.50										
③ 61.50										

Field Equipment: **Solinst, Horiba**
 Purge Method: **Monsoon Pump**
 Well Condition: **GOOD**

Time	Casing/Screen Interval Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µs/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1105	1.0	5.0	0.5	61.54	6.71	20.5	13.1	80.6	4.11	70	Clear/No odor
1110	2.0	7.5	0.5	61.54	6.73	20.6	14.9	80.6	3.90	69	
1115	3.0	10.0	0.5	61.55	6.72	20.5	15.1	80.4	3.71	67	
1120		12.5	0.5	61.56	6.72	20.5	15.2	80.3	3.71	63	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x 80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:00	11:20	0.5	13.0	NA	NA	61.55	1125	CMW002-WG032207-0001

Notes:
 Ferrus Iron = 0.02 mg/L
 Hydrogen Sulfide = 0.1166 mg/L
 (Dissolved) of water (in comparison)



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Page of

Project Name: FERRIS C-6		Date: 3/22/06									
Project No.: EM 2797		Prepared By: LW									
Well Identification: IR22CMW002											
Weather: SUNNY ~ 75°F											
Measurement Point Description: TOC Blackwater		Pump Intake: 108.5									
Depth to LNAPL (ft-bmp)	A	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Screen Volume (Screen length x D)	1/2 screen Volume	
	B										C
---	① 64.55 ② 64.55 ③ 64.55	121.34	N/A	N/A	N/A	N/A	N/A	N/A	40 Liters	N/A	
Gallons/Foot				Field Equipment: Solinst, Horiba							
Well Diameter (in)		0.75	2	4	6	Purge Method: Monsieur Pump					
Gallons per foot of casing		0.02	0.16	0.65	1.47	Well Condition: (good)					
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1230	WITHAL PURGE	5.0	0.5	64.59	6.91	21.0	63.1	0.219	0.00	-110	Flow N/A only / ATC volume
1235	1.0	7.5	0.5	64.61	6.89	21.0	51.1	0.219	0.00	-113	close/no odor
1240	2.0	10.0	0.5	64.61	6.89	21.0	50.1	0.219	0.00	-114	close/no odor
1245	3.0	12.5	0.5	64.61	6.89	21.0	50.0	0.219	0.00	-113	close/no odor
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1225	1245	0.5	13 Liters	N/A	N/A	64.61	1255	IR22CMW002 - W6 032207 - 0001			
Notes: Ferris Iron: 2.59 mg/L Hydrogen Sulfide: 0.053 mg/L DISPOSER OF WATER IN COMPOUND											

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: **FORMER L-6 FACILITY** Date: **3-22-07**
 Project No.: **EM 2727-01** Prepared By: **JA**
 Well Identification: **TMW-08** Weather: **SUNNY/WARM**
 Measurement Point Description: **TRG, NORTH** Pump Intake: **~71** Screen: **61-81**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	C		LNAPL Thickness (ft-bmp)	E			1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x V)	Screen Volume (Screen length x V)	1/2 screen Volume
		Well Total Depth (ft-bmp)	Water Column Height (ft-bmp)		One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)					
---	61.19	90.00	28.81	---	4.61	13.83	2.30	---	---	---	

Field Equipment: Solinst, Horiba

Well Diameter (in)	Gallons/Foot		Purge Method: 2" GRINDROPS w/ DEDICATED TUBING	Well Condition: GOOD
	0.75	0.02		
2	4	6		
0.16	0.65	1.47		

Time	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1340	2.30	0.40	61.50	6.52	24.5	-10	0.19	6.95	-169	CLEAR/NO ODR
1345	4.6	0.40	61.49	6.53	24.5	-10	0.20	6.94	-169	CLEAR/NO ODR
1350	6.9	0.40	61.48	6.54	24.9	-10	0.20	5.95	-158	CLEAR/NO ODR
1355	9.2	0.40	61.40	6.55	25.2	-10	0.20	5.65	-152	CLEAR/NO ODR
1400	11.5	0.40	61.39	6.56	25.3	-10	0.19	5.48	-147	CLEAR/NO ODR
1405	13.8	0.40	61.40	6.56	25.3	-10	0.20	5.87	-144	CLEAR/NO ODR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth (ft-bmp)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1335	1406	0.40	14	3.0	66.95	61.40	1407	TMW-08-W-032207-0001

Notes: INITIAL CONCENTRATION IS CLEAR
 * TURBIDITY NOT GOOD.
 Ferric Iron = 1.27 mg/L
 PULSED WELL WATER INTO
 Drum No.: **CHRYSLER TANK.**

ft-bmp = feet below measuring point

March 2007
 September-2006-Quarterly and WDR Monitoring Program
 Former C-6 Facility
 Los Angeles, California

Well	Date	Time	Conductivity (High Resolution)	Temperature (High Resolution)	Pressure (High Resolution)	Equipment
MWBR0	03/15/07	9:00	0.03		CL	Hach DR/890
MW6003						Hach DR/890
MW6001		12:00	0.14			Hach DR/890
MWBR8						Hach DR/890
MW011		9:40	0.02	0.0106		Hach DR/890
WCC-9S		12:07	0.05			Hach DR/890
WCC-12S		15:00	0.10			Hach DR/890
MW022						Hach DR/890
						Hach DR/890
						Hach DR/890
						Hach DR/890
						Hach DR/890
						Hach DR/890
						Hach DR/890
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						Hach DR/890
						Hach DR/890
						Hach DR/890



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: FRAMES C-1 FACILITY, TORRANCE
Project No.: EM 2727-01
Well Identification: MW6-001
Measurement Point Description: TSC NORTH

Date: 3-15-07
Prepared By: SA
Weather: Sunny / Windy
Pump Intake: ~160
Screen: 156-186

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	Well Total Depth (ft-bmp)	B	Water Column Height (ft) (A - B = C)	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	E	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
--	63.23		189.95		126.72		---	--	--	--	--	15	5	2.5
Well Diameter (in)		0.75		4		6		Solinst, Horiba						
Gallons per foot of casing		0.02		0.65		1.47		Purge Method: 2" GRUNDERS (MWD) WITH DEKATED TIRING						
Gallons per foot of casing		0.02		0.16		1.47		Well Condition: GOOD						
Purge Start Time	Purge End Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations		
1144		ABOVE	15	1.0	63.95	7.63	23.3	6	52	14.80	-185	CLEAR/NO ODOR		
1146		0.5	17.5	1.0	63.96	7.63	23.3	5	52	9.73	-186	CLEAR/NO ODOR		
1148		1.0	20	1.0	63.96	7.63	23.3	5	52	9.54	-186	CLEAR/NO ODOR		
1150		1.5	22.5	1.0	63.96	7.64	23.3	5	54	7.13	-187	CLEAR/NO ODOR		
1152		2.0	25	1.0	63.97	7.64	23.3	4	52	6.11	-188	CLEAR/NO ODOR		
1154		2.5	27.5	1.0	63.98	7.64	23.3	4	57	6.00	-188	CLEAR/NO ODOR		
1156		3.0	30	1.0	63.99	7.64	23.3	4	58	5.98	-189	CLEAR/NO ODOR		
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification						
1129	1157	1.0	32	3.0	88.57	1158	MW6-001-156-186							

Notes: INITIAL WATER IS DARKLY DISCOLORED
 * CAP LOWER THAN LAST EVENT.

Drum No.: FURRED WATER TO COMPOUND TANK.

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page of

Project Name: TERRANCE C6		Date: 3-15-07									
Project No.: EM		Prepared By: SR									
Well Identification: NCC-095		Weather: SUNNY									
Measurement Point Description: TOE NORTH		Pump Intake: 75									
Screen: 60-90											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) (ft-bmp)	Screen Volume (Screen length x 1')	1/2 screen Volume	
N/A	62.31	89.98	27.67	N/A	17.98	53.95	8.99	-	-	-	
Field Equipment: Solinst, Horiba											
Well Diameter (in)		Gallons/Foot		Purge Method: 2" Grout/Fus Pump		Well Condition: Good					
D Gallons per foot of casing		0.75	2	4	6	1.47					
		0.02	0.16	0.65	1.47						
Time	Casing Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:15	1.5	9.0	0.6	63.30	7.1	24.2	10	0.17	5.23	68	Clear
11:26	1.0	18.0	0.8	63.08	7.1	24.5	70	0.16	4.82	69	Clear
11:35	1.5	27.0	1.0	63.08	7.0	24.5	260	0.16	4.55	68	cloudy
11:44	2.0	36.0	1.0	63.08	7.2	24.3	10	0.16	4.90	65	Clear
11:43	2.5	45.0	1.0	63.22	7.1	24.4	100	0.16	4.52	67	'' ''
11:42	3.0	54.0	1.0	63.25	7,	27.3	50	0.16	4.38	68	'' ''
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B · (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
11:00	11:42	0.9	56.0	3.0	67.84	62.35	12:06	NCC-095-WG031507-0001 Dup.			
Notes: Ferrrous Iron = 0.05mg/L pumped H2O into Compound Tank Drum No.:											

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc.

Project Name: <u>Boeing TONTAGE</u>		Date: <u>3-16-07</u>									
Project No.: <u>EM</u>		Prepared By: <u>SR</u>									
Well Identification: <u>WCC-125</u>		Weather: <u>SUNNY</u>									
Measurement Point Description: <u>TOC NORTH</u>		Pump Intake: <u>~ 75</u>									
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D)	1/2 screen Volume	
<u>N/A</u>	<u>58.70</u> <u>58.70</u>	<u>92.00</u>	<u>33.30</u>	<u>N/A</u>	<u>21.64</u>	<u>64.93</u>	<u>10.82</u>	<u>-</u>	<u>-</u>	<u>-</u>	
Gallons/Foot											
Well Diameter (in)		<u>0.75</u>	<u>2</u>	<u>4</u>	<u>6</u>						
Gallons per foot of casing		<u>0.02</u>	<u>0.16</u>	<u>0.65</u>	<u>1.47</u>						
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
<u>14:01</u>	<u>.5</u>	<u>11.0</u>	<u>1.0</u>	<u>59.29</u>	<u>7.0</u>	<u>24.0</u>	<u>170</u>	<u>.26</u>	<u>4.77</u>	<u>52</u>	<u>CLOUDY</u>
<u>14:12</u>	<u>1.0</u>	<u>22.0</u>	<u>1.0</u>	<u>59.30</u>	<u>7.0</u>	<u>24.1</u>	<u>130</u>	<u>.25</u>	<u>4.52</u>	<u>64</u>	<u>" "</u>
<u>14:23</u>	<u>1.5</u>	<u>33.0</u>	<u>1.0</u>	<u>59.30</u>	<u>7.1</u>	<u>24.1</u>	<u>160</u>	<u>.24</u>	<u>4.34</u>	<u>71</u>	<u>" "</u>
<u>14:34</u>	<u>2.0</u>	<u>44.0</u>	<u>1.0</u>	<u>59.31</u>	<u>7.1</u>	<u>24.1</u>	<u>200</u>	<u>.24</u>	<u>4.23</u>	<u>73</u>	<u>" "</u>
<u>14:45</u>	<u>2.5</u>	<u>55.0</u>	<u>1.0</u>	<u>59.30</u>	<u>7.1</u>	<u>24.2</u>	<u>540</u>	<u>.23</u>	<u>4.34</u>	<u>76</u>	<u>" "</u>
<u>14:56</u>	<u>3.0</u>	<u>66.0</u>	<u>1.0</u>	<u>59.32</u>	<u>7.1</u>	<u>24.2</u>	<u>590</u>	<u>.23</u>	<u>4.23</u>	<u>77</u>	<u>" "</u>
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B-(C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
<u>1350</u>	<u>14:56</u>	<u>1.0</u>	<u>67.0</u>	<u>3.0</u>	<u>65.36</u>	<u>58.41</u>	<u>14:58</u>	<u>WCC-125-WC031507-0001</u>			
Notes:											
<u>Ferrrous Iron: 0.18mg/L Pumped H₂O into Compound TANK</u>											
<u>Drum No.:</u>											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: **FORMER C-1 FACILITY, TARRANT** Date: **3-15-07**
 Project No.: **EM 2727-01** Prepared By: **JA**
 Well Identification: **NWB 020** Weather: **CM-10004**
 Measurement Point Description: **TDC, NORTH** Pump Intake: **W5** Screen: **59.5 - 89.5**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons) (E x 3)			Above Screen Volume (Top screen - DTW x π) (Screen length x π)	1/2 Screen Volume
					One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)		
--	57.31	89.5	32.19	--	20.92	62.76	10.50	--	--

Field Equipment: Solinst, Horiba
 Purge Method: **2" BRASS PUMP w/ DEBATED TUBING**
 Well Condition: **GOOD**

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (SM)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0828	0.5	10.50	1.75	58.95	6.69	22.3	13	0.20	18.02	73	CLEAR/NO ODR
0834	1.0	21.0	1.75	59.05	6.93	22.2	3	0.17	8.82	-48	CLEAR/NO ODR
0840	1.5	31.5	1.75	59.10	7.11	22.3	-1	0.17	7.53	-25	CLEAR/NO ODR
0846	2.0	42.0	1.75	59.30	7.25	22.1	-1	0.17	7.16	-29	CLEAR/NO ODR
0852	2.5	52.5	1.75	59.55	7.22	22.2	-1	0.17	7.00	-30	CLEAR/NO ODR
0858	3.0	63	1.75	59.80	7.23	22.0	-1	0.16	7.00	-30	CLEAR/NO ODR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0822	0858	1.75	67		63.74	59.80	0859	MWB020-WG031507-000

Notes: **INITIAL START BUT WAS CLEAR**
Ferric Iron: 0.03 mg/L
 Dup.
 Drum No.: **PURGED WELL WATER TO COMPOUND TANK.**

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

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Project Name: Boeing TOLLANCE Date: 3-15-07
 Project No.: EM Prepared By: SR
 Well Identification: MWC 011 Weather: Overcast
 Measurement Point Description: TOC NORTH Pump Intake: 100" Screen: 94-114

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D)	1/2 screen Volume
N/A	61.33	112.33	51.00	N/A	8.16	24.48	4.08	5.22	3.2	1.6

Field Equipment: Solinst, Horiba
 Purge Method: 2" Gravel Pump
 Well Condition: Good

Time	Purge End Time	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations	Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x 80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
09:04	Above	5.0	.3	63.79	7.3	23.8	49	.37	0.00	-26	Clear	09:04	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006
09:09	1.5	6.5	.3	63.81	7.3	23.7	71	.77	0.00	-32	Clear	09:09	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006
09:14	1.0	8.0	.3	63.82	7.3	23.7	95	.62	0.00	-39	Cloudy	09:14	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006
09:19	1.5	9.5	.3	63.84	7.3	24.4	11	.31	0.00	-51	Clear	09:19	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006
09:24	2.0	11.0	.3	63.84	7.3	24.6	21	.24	0.00	-52	Clear	09:24	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006
09:29	2.5	12.5	.3	63.85	7.3	24.5	26	.22	0.00	-52	Clear	09:29	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006
09:34	3.0	14.0	.3	63.85	7.3	24.7	41	.20	0.00	-51	Clear	09:34	09:34	.3	16.0	1 Above 3 Screen	71.53	61.35	09:38	MWC011-WG031107-8006

Notes: Ferric Iron: 0.02 mg/L Pumped Purged H2O
Hydrogen Sulfide: 0.10 mg/L
Drum No.: 10 mg/Ls Compound Tank

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: ANNUAL GW SAMPLING C-6										Date: 3/16/07	
Project No.: EM 2727.05										Prepared By: WW	
Well Identification: BL-03										Weather: Sunny 95°F	
Measurement Point Description: TOC (BLACKMARK)										Pump Intake: 79'	
Screen: 59'-79'											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D ² = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x (F)	Screen Volume (Screen length x (F))	1/2 screen Volume	
											Field Equipment: Solinst, Horiba
Well Diameter (in)										Purge Method: 2" GRINDERS w/ DEDICATED TUBING	
Gallons per foot of casing										Well Condition: GOOD	
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1128	0.5	1.0	0.33	68.91	6.87	25.1	19	0.46	2.12	59	CLEAR / NO ODOR
1131	1.0	2.0	0.33	68.93	6.87	25.0	16	0.46	1.61	70	CLEAR / NO ODOR
1134	1.5	3.0	0.33	68.97	6.87	25.0	15	0.46	1.60	82	CLEAR / NO ODOR
1137	2.0	4.0	0.33	69.01	6.87	25.0	13	0.46	1.68	96	CLEAR / NO ODOR
1140	2.5	5.0	0.33	69.02	6.87	25.0	15	0.46	1.69	101	CLEAR / NO ODOR
1143	3.0	6.0	0.33	69.03	6.87	25.0	15	0.46	1.69	107	CLEAR / NO ODOR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B-(C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1125	1143	0.33	2 GALLONS	3500EN	69.56	69.03	1145	BL-03-WG031607-0001 Dup.			

Notes: TOOK FIELD BLANK @ 1150. INSTALLED NEW TUBING 100'. Ferron Iron: 0.00 mg/L

Drum No.: DISPOSED OF WASTE IN COMPANY

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: ANNUAL SAMPLING '06 Date: 3/16/07
 Project No.: EM 2727-05 Prepared By: LW
 Well Identification: MWB012 Weather: OVERCAST
 Measurement Point Description: FOR BLACK MARK Pump Intake: 275' Screen: 64.5'-84.5'

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons) (E x 3)			Above Screen Volume (Top screen - DTW x 1)	Screen Volume (Screen length x 1)	1/2 screen Volume
					One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)			
---	61.96	90.5	28.54	---	N/A	N/A	1.7 GAL	20'	6.5	

Field Equipment: Solinst, Horiba
 Purge Method: 2" Grounds Pump w/
 Well Condition: GOOD

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
742	3 screens	2.0	1.3	62.91	6.59	23.6	210	0.13	5.24	60	cloudy / NO ODOR
747	0.5	8.5	1.3	62.99	7.12	23.7	34	0.13	4.67	67	clear / NO ODOR
752	1.0	15.0	1.3	63.10	7.16	23.5	30	0.13	4.60	67	clear / NO ODOR
757	1.5	21.5	1.3	63.17	7.21	23.5	25	0.13	4.58	80	clear / NO ODOR
802	2.0	28.0	1.3	63.25	7.21	23.4	20	0.13	4.61	81	clear / NO ODOR
807	2.5	34.5	1.3	63.31	7.21	23.4	20	0.13	4.63	81	clear / NO ODOR
812	3.0	41.0	1.3	63.39	7.21	23.4	20	0.13	4.63	82	clear / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
740	812	1.3	42.0	3 screens	67.67	63.39	815	MWB012-W603/607-0001

Notes: DO ~ 4.6
Ferric Iron: 0.03 mg/L
Drum No.: DISPOSED OF WATER IN COMPOUND TANK
 Dup.

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: <u>ANIMAL GW SAMPLING C-6</u>		Date: <u>3/16/07</u>									
Project No.: <u>EM 2727</u>		Prepared By: <u>CW</u>									
Well Identification: <u>MW0009</u>		Weather: <u>OVERCAST</u>									
Measurement Point Description: <u>TDC BACKMARK</u>		Pump Intake: <u>107'</u>									
Screen: <u>97'-117'</u>											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTM) (X D)	Screen Volume (Screen length x L)	1/2 screen Volume
<u>0</u>	<u>61.82</u>	<u>119.60</u>	<u>57.78</u>	<u>N/A</u>	<u>--</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>35.18</u>	<u>20'</u>	<u>65'</u>
Field Equipment: <u>Solinist, Horiba</u>											
Purge Method: <u>2" GRADES w/ DEDICATED TUBING</u>											
Well Diameter (in): <u>4</u>											
Well Condition: <u>GOOD</u>											
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
<u>9:40</u>	<u>AS 2.5 SCREEN</u>	<u>23.0</u>	<u>1.5</u>	<u>62.92</u>	<u>7.60</u>	<u>23.7</u>	<u>53</u>	<u>91</u>	<u>0.08</u>	<u>67</u>	<u>CLEAR/NO ODOOR</u>
<u>9:45</u>	<u>0.5</u>	<u>29.5</u>	<u>1.3</u>	<u>62.93</u>	<u>7.50</u>	<u>23.7</u>	<u>34</u>	<u>0.49 S/M</u>	<u>0.00</u>	<u>50</u>	<u>CLEAR/NO ODOOR</u>
<u>9:50</u>	<u>1.0</u>	<u>36.0</u>	<u>1.3</u>	<u>62.93</u>	<u>7.49</u>	<u>23.7</u>	<u>52</u>	<u>0.44 S/M</u>	<u>0.00</u>	<u>48</u>	<u>CLEAR/NO ODOOR</u>
<u>9:55</u>	<u>1.5</u>	<u>42.5</u>	<u>1.3</u>	<u>62.93</u>	<u>7.48</u>	<u>23.7</u>	<u>17</u>	<u>0.18 S/M</u>	<u>0.00</u>	<u>48</u>	<u>CLEAR/NO ODOOR</u>
<u>10:00</u>	<u>2.0</u>	<u>49.0</u>	<u>1.3</u>	<u>62.93</u>	<u>7.48</u>	<u>23.7</u>	<u>17</u>	<u>0.30 S/M</u>	<u>0.00</u>	<u>49</u>	<u>CLEAR/NO ODOOR</u>
<u>10:05</u>	<u>2.5</u>	<u>55.5</u>	<u>1.3</u>	<u>62.93</u>	<u>7.48</u>	<u>23.7</u>	<u>16</u>	<u>0.45 S/M</u>	<u>0.00</u>	<u>49</u>	<u>CLEAR/NO ODOOR</u>
<u>10:10</u>	<u>3.0</u>	<u>62.0</u>	<u>1.3</u>	<u>62.93</u>	<u>7.48</u>	<u>23.7</u>	<u>16</u>	<u>0.49 S/M</u>	<u>0.00</u>	<u>49</u>	<u>CLEAR/NO ODOOR</u>
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Level Depth 5' (C x X .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
<u>9:25</u>	<u>10:10</u>	<u>1.3</u>	<u>63 gallons</u>	<u>73.38</u>	<u>ABOVE 35 SCREEN</u>	<u>62.93</u>	<u>10:14</u>	<u>MW0009-WG 031607-0001</u>			
Notes: <u>FOLLOW UP MON: 0.01 mg/L</u>											
<u>DISPOSED AT WATER IN COMPOUND. Drum No.:</u>											

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: **FRONT C-6 SUELLITA TOWNHOUSE** Date: **3-16-07**
 Project No.: **EM 2727-01** Prepared By: **JA**
 Well Identification: **MW0222** Weather: **WV**
 Measurement Point Description: **BC, 220-TH** Pump Intake: **100 ~** Screen: **97'-117'**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) (ft ³)	Screen Volume (Screen length x ft ³)	1/2 screen Volume
--	58.70	116.01	57.31	--	--	--	--	24.90	13	6.5

Field Equipment: **Sollinst, Horiba**
 Purge Method: **2" Clearing Pump w/ DOWATED TURBINE**
 Well Condition: **GOOD**

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity S/M	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0808	ABOVE	25	1.8	60.95	7.20	23.0	50	0.13	7.03	792	CLEAR/NO DR
0812	0.5	31.5	1.6	60.71	7.20	23.1	60	0.18	6.82	-187	CLEAR/NO DR
0816	1.0	38	1.6	60.71	7.23	23.1	99	0.18	6.66	-194	CLEAR/NO DR
0820	1.5	44.5	1.6	60.72	7.24	23.1	34	0.19	6.52	-200	CLEAR/NO DR
0824	2.0	51	1.6	60.72	7.24	23.1	33	0.19	6.49	-201	CLEAR/NO DR
0828	2.5	57.5	1.6	60.72	7.24	23.2	33	0.18	6.45	-206	CLEAR/NO DR
0832	3.0	64	1.6	60.73	7.24	23.2	33	0.18	6.36	-209	CLEAR/NO DR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0752	0833	1.6	64	ABOVE - 256L SCREEN - 3.0	70.16	60.73	0834	MW0222 - W6031607-0001

Notes: *** INITIAL START UP CLEAR.**
Ferric Iron: 0.18 mg/L
 Drum No.: **PURGED 66 GALS INTO CONCRETE TANK.**
 Dup.

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: <u>SOLIST C-6 RAILWAY, TORONTO</u>		Date: <u>3-16-07</u>									
Project No.: <u>EM 2727-01</u>		Prepared By: <u>JA</u>									
Well Identification: <u>WCC-075</u>		Weather: <u>SUNNY / Cool</u>									
Measurement Point Description: <u>TDC, NORTH</u>		Pump Intake: <u>~75</u>									
Screen: <u>60-90</u>											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	A	B	C	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
---	<u>59.52</u>	<u>59.52</u>	<u>89.35</u>	<u>29.83</u>	-	<u>19.39</u>	<u>58.17</u>	<u>9.70</u>	-	-	-
Field Equipment: <u>Solinst, Horiba</u>											
Well Diameter (in) <u>4</u>											
Gallons per foot of casing <u>0.75</u>											
Well Conditions: <u>6001</u>											
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
<u>1014</u>	<u>0.5</u>	<u>9.70</u>	<u>1.6</u>	<u>59.81</u>	<u>7.03</u>	<u>23.5</u>	<u>42</u>	<u>0.20</u>	<u>8.38</u>	<u>78</u>	<u>CLEAR/NO DR</u>
<u>1020</u>	<u>1.0</u>	<u>19.4</u>	<u>1.6</u>	<u>59.84</u>	<u>7.03</u>	<u>23.5</u>	<u>37</u>	<u>0.20</u>	<u>7.95</u>	<u>77</u>	<u>CLEAR/NO DR</u>
<u>1026</u>	<u>1.5</u>	<u>29.1</u>	<u>1.6</u>	<u>59.98</u>	<u>7.03</u>	<u>23.2</u>	<u>33</u>	<u>0.20</u>	<u>7.70</u>	<u>88</u>	<u>CLEAR/NO DR</u>
<u>1032</u>	<u>2.0</u>	<u>38.8</u>	<u>1.6</u>	<u>60.02</u>	<u>7.02</u>	<u>23.2</u>	<u>37</u>	<u>0.20</u>	<u>7.44</u>	<u>86</u>	<u>NEAR/NO DR</u>
<u>1038</u>	<u>2.5</u>	<u>48.5</u>	<u>1.6</u>	<u>60.04</u>	<u>7.02</u>	<u>23.2</u>	<u>37</u>	<u>0.19</u>	<u>7.38</u>	<u>90</u>	<u>CLEAR/NO DR</u>
<u>1044</u>	<u>3.0</u>	<u>58.2</u>	<u>1.6</u>	<u>60.05</u>	<u>7.02</u>	<u>23.2</u>	<u>35</u>	<u>0.19</u>	<u>7.34</u>	<u>93</u>	<u>CLEAR/NO DR</u>
<u>1050</u>	<u>3.5</u>	<u>67.9</u>	<u>1.6</u>	<u>60.06</u>	<u>7.01</u>	<u>23.2</u>	<u>30</u>	<u>0.19</u>	<u>7.30</u>	<u>93</u>	<u>CLEAR/NO DR</u>
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Level Depth B - (C x .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
<u>1008</u>	<u>1051</u>	<u>1.6</u>	<u>69</u>	<u>65.49</u>	<u>3.0</u>	<u>60.06</u>	<u>10:52</u>	<u>WCC-075-WG031607-001</u>			
Notes: <u>INITIAL START COLOR IS CLEAR</u>											
<u>Ferric Iron = 0.05 mg/L.</u>											
<u>AIRLED WELL WATER INTO DRUM NO.: COMPRESS TANK,</u>											
Dup.											

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: Formosa C-6 REWELDR		Date: 3-16-07		Prepared By: ISA		Screen: 65-85					
Project No.: EM 2727-01		Weather: SUNNY/WARM		Pump Intake: 75							
Well Identification: MWB014		Measurement Point Description: TOC, NORTH									
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x n	Screen Volume (Screen length x n)	1/2 screen Volume	
											Gallons/Foot
---	60.07	86.5	26.43	---	---	---	---	3.20	13	6.5	
Well Diameter (in)		4		6		6		Purge Method: 2" GRUNDERS PUMP w/ DEDICATED TUBING		Well Condition: GOOD	
Gallons per foot of casing		0.75		0.16		0.65					
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mv)	Observations
1210	ABOVE	3.20	1.6	60.70	6.94	22.2	23	0.12	10.46	54	CLEAR/NO ODOR
1214	0.5	9.7	1.6	60.83	6.92	22.4	22	0.12	8.22	42	CLEAR/NO ODOR
1218	1.0	16.2	1.6	60.82	6.92	22.5	38	0.12	7.71	28	CLEAR/NO ODOR
1222	1.5	22.7	1.6	60.85	6.92	22.5	33	0.12	7.56	26	CLEAR/NO ODOR
1226	2.0	29.2	1.6	60.90	6.93	22.4	37	0.12	7.32	29	CLEAR/NO ODOR
1230	2.5	35.7	1.6	60.91	6.94	22.4	38	0.12	7.31	30	CLEAR/NO ODOR
1234	3.0	42.2	1.6	60.94	6.94	22.4	38	0.12	7.31	28	CLEAR/NO ODOR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1206	1235	1.6	44	ABOVE-3.20 SCREEN-3.0	65.36	60.94	1236	MWB014 WGC31607-0001			

Notes: * INITIAL START COLOR CLEAR
* EXCAVATION AND LOTS OF SURFACE DIRT AROUND WELL.

PERMITS FROM: 0.00 mg/L

Drum No.: RAGEO WELLS WATER INTO COMPOND TANK

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc.

Project Name: O-6 FACILITY TORRENCE
Project No.: EM 2727-01
Well Identification: XMM-19
Measurement Point Description: TDC NORTH
Date: 3-13-07
Prepared By: J.A.
Weather: SUNNY / WARM
Pump Intake: ~ 72
Screen: 63-79

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Water Column Height (ft)			LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Above Screen Volume (Top screen - DTW) (ft ³)	Screen Volume (Screen length x 1')	1/2 screen Volume
		A	B	C		One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)			
---	57.10	76.82	19.72	---	---	---	---	25.89	10.4	5.2	

Field Equipment: Solinst, Horiba
Purge Method: 2" GUMMUS PUMP WITH DEDICATED TUBING
Well Condition: GOOD

Time	Purge Start Time	Purge End Time	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0925	1016	1016	26.00	0.65	57.56	7.0	23.8	300	0.21	8.2	-53	CLEAR / NO ODOR
0935	1016	1016	31.2	0.52	57.57	7.1	23.9	360	0.21	8.0	-42	CLEAR / NO ODOR
0945	1016	1016	36.4	0.52	57.56	7.1	24.0	260	0.21	8.0	-39	CLEAR / NO ODOR
0952	1016	1016	41.6	0.74	58.00	7.0	24.0	460	0.21	8.2	-34	CLEAR / NO ODOR
1000	1016	1016	46.8	0.65	58.05	7.0	24.0	150	0.21	8.1	-30	CLEAR / NO ODOR
1008	1016	1016	52.0	0.65	57.52	7.0	24.2	140	0.21	8.1	-28	CLEAR / NO ODOR
1016	1016	1016	57.2	0.65	57.64	7.0	24.0	160	0.20	8.2	-26	CLEAR / NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
0845	1016	0.65	58.0	LEAVE 266L USE 3.0	61.04	57.64	1017	XMM-19-WG-031307-0001 Dup.

Notes: INITIAL START UP. RED/BROWN IN ODOR.
 * XMM DONE FIRST DUE TO EARTH TECH
 * THESE IS A LOW FLOW PUMP WITH ITS OWN TUBING INSTALLED,
 AND THESE IS ALSO SEPARATE DEDICATED TUBING.

Ferrrow Iron: 0.09 mg/L.
 # PUMPED 58 GALLONS INTO
 Drum No.: COMBAND TRAK

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

Page 1 of 1

Project Name: FORNISE C-6 FACILITY TREATAGE		Date: 3-13-07									
Project No.: EM 2707-01		Prepared By: JA									
Well Identification: MW6 007		Weather: SUNNY/WARM									
Measurement Point Description: T8C NORTH		Pump Intake: ~108'									
Screen: 97-117											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Above Screen Volume (Top screen - DTW) (ft³)	Screen Volume (Screen length x ft³)	1/2 screen Volume	
					One (1) Casing Volume (C x D² x E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)				
---	58.45	118.89	60.44	---	---	---	38.55	13.0	6.5		
Field Equipment: Solinst, Horiba											
Well Diameter (in)		0.75	2	6	Purge Method: PURGED WITH 2" GUMBOES BRAND W/TA DEDICATED TUBING						
Gallons per foot of casing		0.02	0.16	1.47	Well Condition: GOOD						
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1508	ABOVE	39.0	1.2	58.85	7.60	22.6	20.8	78	3.76	22	CLEAR NO ODOR
1513	0.5	45.5	1.3	58.80	7.60	22.6	20.7	78	2.98	33	CLEAR NO ODOR
1518	1.0	52.0	1.3	59.10	7.65	22.7	20.7	80	1.89	35	CLEAR NO ODOR
1523	1.5	58.5	1.3	59.13	7.65	22.7	20.8	80	1.41	43	CLEAR NO ODOR
1528	2.0	65.0	1.3	59.11	7.4	22.8	20.7	80	1.38	39	CLEAR NO ODOR
1533	2.5	71.5	1.3	59.12	7.3	22.6	18	82	0.5	35	CLEAR NO ODOR
1538	3.0	78.0	1.3	59.11	7.3	22.5	16	84	9.5	32	CLEAR NO ODOR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Level Depth 5'-(C x .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1434	1539	1.3	82	70.53	ABOVE 394' SCREEN-3.0	59.11	15:40	MWC007-W6 031307-0001 Dup.			

Notes: INITIAL PURGE WATER IS CLEAR.
 ADDED 15' OF TUBING TO DEDICATED TUBING TO GET TO 80.67' TO SET PUMP.
 * DIFFERENT AND THAN LAST EVENT

Ferrrous Iron: 0.02mg/L

Drum No.: PURGED 79 GALLONS FROM WELL MWC007 TO CONTAINMENT TANKS

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: **FORER C-6 FACILITY DRAINAGE**
 Project No.: **EM 2727-01**
 Well Identification: **XMMW-09**
 Measurement Point Description: **TOC NORTH**
 Date: **3-13-07**
 Prepared By: **JA**
 Weather: **SMALL WIND**
 Pump Intake: **~72**
 Screen: **6A-81**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D)	1/2 screen Volume
---	61.77	76.38	14.61	---	---	---	---	2.75	9.75	4.9

Field Equipment: **Solinst, Horiba**
 Purge Method: **2" Grunfos Pump w/ Dedicated Tubing**
 Well Condition: **Good**

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1220	ABOVE SCREEN	3.0	0.82	62.70	6.5	23.2	26	0.18	6.1	17	CLOUDY/CLEAR
1230	.5	8.0	0.49	62.84	6.5	23.3	21	0.18	4.7	28	CLEAR
1240	1.0	13.0	0.49	62.55	6.5	23.4	16	0.20	4.2	38	CLEAR
1250	1.5	18.0	0.49	62.40	6.5	23.7	17	0.20	3.9	40	CLEAR
1300	2.0	23.0	0.49	62.35	6.6	23.8	17	0.20	3.8	47	CLEAR
1310	2.5	28.0	0.49	62.33	6.6	23.9	16	0.20	3.6	48	CLEAR
1320	3.0	33.0	0.49	62.33	6.6	23.9	13	0.20	3.4	49	CLEAR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1224	1321	0.49	84.0	ABOVE 35L SCREENS 3.0	64.69	62.33	1322	XMMW-09-WG 031307-0001

Notes: INITIAL START UP, CLOUDY + CLEAR
 DONE WELL SECOND DUE TO BATH TECH
 REMOVED DEDICATED TUBING. PER BATH TECH
 Ferrous Iron: 0.00mg/l
 Dup.
 Drum No.: **PUMPS 34 GALLONS INTO COMPANY TANK**

ft-bmp = feet below measuring point



TAI Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: **FORMEL C-1 FACILITY, TORRANCE** Date: **3-14-07**
 Project No.: **EM 2727-01** Prepared By: **JA**
 Well Identification: **MW6004** Weather: **Windy**
 Measurement Point Description: **~123.5** Pump Intake: **155-185**

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) x D	Screen Volume (Screen length x D)	1/2 screen Volume
--	61.35	185.65	124.3	--	--	--	--	14.98	4.8	2.4

Field Equipment: Solinst, Horiba
 Purge Method: **2" GARDNER PUMP w/ DEPLETED TUBES**
 Well Condition: **GOOD**

Time	Casing/80(feet)	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mv)	Observations
1113	1.0	14.98	0.5	61.60	7.5	23.1	350	72	2.30	-231	Cloudy/NO ODOR
1118	0.5	17.48	0.5	61.59	7.5	23.1	150	74	2.89	-228	Cloudy/NO ODOR
1123	1.0	19.98	0.5	61.52	7.5	23.2	108	74	2.78	-228	Cloudy/NO ODOR
1128	1.5	22.48	0.5	61.52	7.5	23.2	81	74	2.78	-227	Cloudy/NO ODOR
1133	2.0	24.98	0.5	61.54	7.5	23.3	79	74	2.75	-227	Cloudy/NO ODOR
1138	2.5	27.48	0.5	61.55	7.5	23.3	74	73	2.69	-227	Cloudy/NO ODOR
1143	3.0	29.98	0.5	61.54	7.5	23.3	73	73	2.63	-227	Cloudy/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1043	1144	0.5	31.0	14.98 3.0	86.21	61.54	1145	MW6004-031407-2001

Notes: * INITIAL START, WATER IS CLOUDY
 FERROUS IRON: 0.18 mg/l
 Dup.
 Drum No.: PURGED WELL WATER (USED TO COMPOUND TRUCK

ft-bmp = feet below measuring point



TAI Environmental Management, Inc.

Groundwater Sampling Data Sheet

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Project Name: FOMEL C-6 FACILITY, TORRANCE
Project No.: EM 2727-01
Well Identification: TMLW-14
Measurement Point Description: T&E A-B-E-H

Date: 3-14-07
Prepared By: JA
Weather: WARM WINDY
Pump Intake: ~75
Screen: 65-85

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x P)	Screen Volume (Screen length x P)	1/2 screen Volume
					One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E/2)				
---	62.67	84.84	17.17	---	2.75	8.0	1.4	---	---	---	---
Field Equipment: Solinst, Horiba											
Well Diameter (in)		0.75	4	6	Purge Method: 2" Grundfos Pump w/ DEDICATED TUBING						
Gallons per foot of casing		0.02	0.65	1.47	Well Condition: GOOD						
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity S/m	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1350	0.5	1.4	0.70	67.96	6.7	24.2	570	0.34	9.57	40	CLOUDY/NO O2
1352	1.0	2.8	0.70	68.00	6.7	24.2	570	0.30	9.56	38	CLOUDY/NO O2
1354	1.5	4.2	0.70	68.02	6.7	24.1	330	0.31	9.10	40	CLOUDY/NO O2
1356	2.0	5.6	0.70	68.02	6.7	24.0	210	0.31	8.77	46	CLOUDY/NO O2
1358	2.5	7.0	0.70	68.03	6.7	24.0	120	0.31	8.45	49	CLEAR/NO O2
1400	3.0	8.4	0.70	68.03	6.7	24.0	100	0.31	8.23	50	CLEAR/NO O2
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B-(C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1348	1400	0.70	10.0	3.0	71.10	68.03	14:02	TMLW-14-WG031407.0001			

Notes: INITIAL START CLEAR IS CUSIDH
 FERROUS FROM: 0.05 mg/L
 PURED WELL WATER
 Drum No.: PURED TO COMPANY TANK.

Dup.

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc.

Groundwater Sampling Data Sheet

Project Name: *Federal C-6*
Project No.: *EM 2787*
Well Identification: *WCC-55*
Measurement Point Description: *TOC North*
Date: *3/14/07*
Prepared By: *LW*
Weather: *SUNNY*
Pump Intake: *80'*
Screen: *NO DATA*

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons) (E x 3)			Above Screen Volume (Top screen - DTW) x 1.1	Screen Volume (Screen length x 1.1)	1/2 screen Volume
					One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)			
--	59.88	90.00	30.12	--	19.5	59	10	N/A	N/A	N/A

Field Equipment: Solinst, Horiba
Purge Method: 2" (GRUND)FOS Pump
Well Condition: (GOOD)

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
925	0.5	10	0.66	61.36	6.9	23.3	94	97	0.00	-35	clear / little odor
940	1.0	20	0.66	62.01	6.9	23.4	86	99	0.00	-35	clear / little odor
955	1.5	30	0.66	62.61	6.9	23.4	91	100	0.00	-34	clear / little odor
1010	2.0	40	0.66	63.11	6.9	23.2	66	0.11 S/M	0.00	-40	clear / little odor
1025	2.5	50	0.66	63.81	6.9	23.2	60	0.11 S/M	0.00	-40	clear / little odor
1040	3.0	60	0.66	63.99	6.9	23.2	60	0.11 S/M	0.00	-40	clear / little odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
910	1040	0.66	61 Gallons	3 Volume	65.90	63.99	1042	WCC-55-WG031407-0001

Notes: Ferrus Iron: 0.09 mg/L
 Dup.
 Drum No.: DISPOSED OF WATER (IN COMPONENT)

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: FERRIS C-1 PRIORITY TREATMENT
Project No.: EM 2727-01
Well Identification: MNB 013
Measurement Point Description: TOC NORTH

Date: 3-14-07
Prepared By: JJA
Weather: Cloudy / Cool
Pump Intake: Screen: 65-85

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons)			Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW) (ft ³)	Screen Volume (Screen length x ft ³)	1/2 screen Volume
					One (1) Casing Volume (gallons) (C x D = E)	Two (2) Casing Volumes (gallons) (E x 2)	Three (3) Casing Volumes (gallons) (E x 3)					
---	62.93	86.45	23.52	---	---	---	---	---	---	1.35	13.0	6.5
Field Equipment: Solinst, Horiba												
Well Diameter (in)												
		0.75	2	4	6							
Gallons per foot of casing												
		0.02	0.16	0.65	1.47							
Purge Method: 2" GRUMFAS PUMP WITH DEDICATED TUBING												
Well Condition: GOOD / NEEDS 2 BATS												
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations	
0833	ABOVE SCREEN	1.35	3.25	63.60	6.9	22.9	62	0.28	10.54	-53	CLEAR / NO ODOR	
0838	0.5	7.85	1.30	63.75	7.3	23.0	29	0.28	8.48	-30	CLEAR / NO ODOR	
0843	1.0	14.35	1.30	63.80	7.3	23.1	21	0.28	8.01	-2	CLEAR / NO ODOR	
0849	1.5	20.85	1.08	63.81	7.3	23.1	14	0.28	7.67	29	CLEAR / NO ODOR	
0855	2.0	27.35	1.08	63.82	7.4	23.1	11	0.28	7.41	28	CLEAR / NO ODOR	
0901	2.5	33.85	1.08	63.82	7.4	23.1	10	0.27	7.24	42	CLEAR / NO ODOR	
0907	3.0	40.35	1.08	63.90	7.4	23.0	8	0.28	7.22	42	CLEAR / NO ODOR	
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	80% Recovery Level Depth B - (C x .80)	Total Casing Volumes Purged	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification				
0831	0908	1.08	44	67.63	NOTE - 1.35 GAL SCREEN - 3.0	63.90	0908	MNB013-WG03H07-0001				

Notes: # INITIAL START COULD BE CLEAR
 Ferris Iron: 0.03 mg/L.
 # PIPED WELL WATER TO # COMBUST TANK
 Drum No.:

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: FORNER C-6		Date: 3/14/07	Screen: 97-117								
Project No.: EM 2727-05		Prepared By: LW	Weather: SUNNY ~ 70°F								
Well Identification: MW021		Pump Intake: 10'	Screen: 97-117								
Measurement Point Description: TOP (NORTH)											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D)	1/2 screen Volume	
											Field Equipment: Solinst, Horiba
---	62.69	121.75	59.06	--	N/A	N/A	N/A	22.64	13	6.5	
Well Diameter (in)		Gallons/foot		Purge Method: 2" GUNDROS w/ DEDICATED TUBING							
Gallons per foot of casing		0.75	2	6	Well Condition: GOOD						
Gallons per foot of casing		0.02	0.16	1.47							
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
12:05	12:59	0.72	0.72	0.72	74.50	72.69	13:02	MW021-WG03407-0001	Dup.		
12:14		0.72	0.72	0.72	74.50	72.69					
12:23		0.72	0.72	0.72	74.50	72.69					
12:32		0.72	0.72	0.72	74.50	72.69					
12:41		0.72	0.72	0.72	74.50	72.69					
12:50		0.72	0.72	0.72	74.50	72.69					
12:59		0.72	0.72	0.72	74.50	72.69					

Notes: Ferrus Iron: 0.20 mg/L
 Drum No.: DISPOSYD OF WATER IN COMPOUND

ft-bmp = feet below measuring point



Groundwater Sampling Data Sheet

TAI Environmental Management, Inc

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Project Name: FORMER C-6		Date: 3/14/07	
Project No.: EM 2727		Prepared By: WJ	
Well Identification: TMW-10		Weather: SUNNY 75°F	
Measurement Point Description: TOC NORTH		Pump Intake: 2-68'	
Screen: 40.5 - 80.5			

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C X D = E)	Three (3) Casing Volumes (gallons) (E X 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x π)	Screen Volume (Screen length x π)	1/2 screen Volume	
											Gallons/foot
---	57.75	79.95	22.2	---	3.6	10.8	1-8	N/A	N/A	N/A	
Solinst, Horiba											
Well Diameter (in)		Purge Method:		2" (7 ROUNDS FOS W/ DEDICATED TUBING)							
Gallons per foot of casing		Well Condition:		GOOD							
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1415	6.5	20	0.4	57.88	6.7	24.06	740	0.23	8.26	46	BROWN/NO ODOR
1420	1.0	4	0.4	57.88	6.8	25.6	120	0.23	3.20	37	LIGHT BROWN/NO ODOR
1425	1.5	6	0.4	57.88	6.8	25.3	70	0.23	3.01	40	CLEAR/NO ODOR
1430	2.0	8	0.4	57.88	6.8	25.2	54	0.22	2.46	46	CLEAR/NO ODOR
1435	2.5	10	0.4	57.88	6.8	25.2	52	0.21	2.46	47	CLEAR/NO ODOR
1440	3.0	12	0.4	57.88	6.8	25.2	50	0.22	2.46	48	CLEAR/NO ODOR

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1440	1440	0.4	136 GALLONS	3 CASING VOLUMES	62.15	57.88	1442	TMW-10-WG031407-0001

Notes: Ferrrous Iron: 0.02 mg/L
 Dup.
 Drum No.: DISPOSED AT WATER W COMPANY

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page of

Project Name: FORMER C-6		Date: 3/14/07	Prepared By: LW								
Project No.: EM 2727		Weather: SUNNY ~ 75°F									
Well Identification: TMW-15		Pump Intake: 75									
Measurement Point Description: TDC (Abert)		Screen: 62.87									
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (C x D = E)	Three (3) Casing Volumes (gallons) (E x 3)	1/2 Casing Volume (E/2)	Above Screen Volume (Top screen - DTW x D)	Screen Volume (Screen length x D)	1/2 screen Volume	
											Field Equipment: Solinst, Horiba
Well Diameter (in)		Gallons/Foot		Purge Method: 2" ARUNDOS w/ DEDICATED RUBING							
Gallons per foot of casing		0.75	4	6	Well Condition: GOOD						
Gallons per foot of casing		0.02	0.16	1.47							
Time	Casing Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µM)	Dissolved Oxygen (mg/L)	ORP (mv)	Observations
1534	0.5	2.0	0.5	66.71	7.1	24.5	290	0.15	0.00	-48	BROWN / No ODOR
1538	1.0	4.0	0.5	66.74	7.1	25.0	330	0.15	0.00	-10	BROWN / No ODOR
1542	1.5	6.0	0.5	66.76	7.1	24.8	200	0.15	0.00	3	CLOUDY / No ODOR
1546	2.0	8.0	0.5	66.77	7.1	24.7	140	0.14	0.11	14	CLOUDY / No ODOR
1550	2.5	10.0	0.5	66.77	7.1	24.6	110	0.14	0.35	19	Clear / No ODOR
1554	3.0	12.0	0.5	66.78	7.1	24.5	110	0.14	0.35	21	Clear / No ODOR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1520	1554	0.5	13.06 GALLONS	3 CASING VOLUMES	67.72	66.78	1554	TMW-15-14031407-0001 Dup.			

Notes: **Ferron Iron: 0.05 mg/l**

Drum No.: **DISPOSED OF W/ COMPACT**

ft-bmp = feet below measuring point



TAIT Environmental Management, Inc.

Groundwater Sampling Data Sheet

Project Name: <u>POWER CO. FACILITY</u>		Date: <u>03-14-07</u>									
Project No.: <u>EM 2787-01</u>		Prepared By: <u>JA</u>									
Well Identification: <u>TMW-11</u>		Weather: <u>SUNNY / WINDY</u>									
Measurement Point Description:		Pump Intake: <u>68</u>									
Screen: <u>58-78</u>											
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	Casing Volumes (gallons) (E x 3)			Above Screen Volume (Top screen - DTW) x n	Screen Volume (Screen length x r)	1/2 screen Volume	
					One (1) Casing Volume (C x D = E)	Three (3) Casing Volumes (E x 3)	1/2 Casing Volume (E / 2)				
---	58.17	76.70	18.53	---	2.96	8.88	1.50	---	---		
Well Diameter (in)		Gallons/Foot		Field Equipment: <u>Solinist, Horiba</u>							
0.75		4		Purge Method: <u>2" GRANDES PUMP w/ DEDICATED TUBING</u>							
0.02		0.65		Well Condition: <u>GOOD</u>							
Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
	0.5	1.50	0.75	58.40	6.8	23.8	220	0.20	8.65	31	CLAY / NO ODR
	1.0	3.0	0.75	58.40	6.7	24.0	230	0.20	7.89	26	CLAY / NO ODR
	1.5	4.5	0.50	58.38	6.7	24.1	150	0.20	7.36	39	CLAY / NO ODR
	2.0	6.0	0.50	58.38	6.7	24.1	96	0.21	7.00	43	CLAY / NO ODR
	2.5	7.5	0.50	58.38	6.7	24.2	82	0.21	6.91	45	CLAY / NO ODR
	3.0	9.0	0.50	58.38	6.8	24.2	80	0.21	6.62	47	CLAY / NO ODR
Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Level Depth B - (C x .80)	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification			
1522	1537	0.50	10	3.0	61.88	58.38	15:38	TMW-11-W6031407-0001			

Notes: * INITIAL START COLOR WAS CLAY

Ferrus Iron = 0.00 mg/L

Drum No.: POWER WEL WATER 78
COMPLIANCE TATS

Dup.

ft-bmp = feet below measuring point

GROUNDWATER MONITORING WELL GAUGING DATA
MARCH 2007 FORMER C-6 FACILITY GAUGING EVENT



Well ID	PREVIOUS MEASUREMENT DATE	PREVIOUS DEPTH TO WATER	PREVIOUS TOTAL DEPTH	INSTALLATION DATE	WELL DIAMETER	Flow	Flow (gpm)	EQUIPMENT	DEPTH TO WATER	DEPTH TO WATER	TOTAL DEPTH	RESPONSE	Comments/Well Condition			
													Well Bore/Casing	Observation	Well Cap & Lock	
W001	3/15/2006	85.59	78.98	78	2"	1110	N/A	700(N)	67.17	67.17	78.85	LW	OK	OK	OK	OK
W002	3/30/06	83.84	88.86	90	2"	1120	N/A	700(N)	64.31	64.31	89.95	LW	OK	OK	OK	OK
W003	NA	NA	NA	80	6"	1140	N/A	700(N)	60.44	60.44	88.95	LW	OK	OK	OK	OK
W004	3/17/2006	81.28	85	85												
W005	3/30/06	86.11	88.81	92	2"	1045	N/A	700(N)	63.89	63.89	90.10	LW	OK	OK	OK	OK
W006	9/12/2006	61.48	97.84	93	4"	1240	N/A	700(N)	60.98	60.98	92.90	LW	OK	OK	OK	OK
W007	8/11/2006	58.77	90	92	4"	8:30	8:30	700(N)	58.30	58.30	90.71	LW	OK	OK	OK	OK
W008	3/16/2006	81.88	90.5	90.5												
W009	9/7/2006	83.39	86.45	88.5	4"	1320	N/A	700(N)	62.95	62.95	86.46	LW	OK	OK	OK	OK
W010	3/15/2006	61.54	88.5	88.5	4"	1530	N/A	700(N)	61.01	61.01	86.50	LW	OK	OK	OK	OK
W011	9/8/2006	84.48	86.01	90.3	4"	1345	N/A	700(N)	63.82	63.82	85.11	LW	OK	OK	OK	OK
W012	3/20/06	89.2	89.5	120.5	4"	815	8:30	700(N)	57.36	57.36	119.81	LW	OK	OK	OK	OK
W013	9/11/2006	84.88	88.5	91.5	2"	1230	N/A	700(N)	63.65	63.65	88.92	LW	OK	OK	OK	OK
W014	3/30/06	85.01	90.2	93	2"	1100	N/A	700(N)	63.78	63.78	90.26	LW	OK	OK	OK	OK
W015	3/16/2006	80.6	84	80												
W016	3/14/2006	81.11	78.7	81												
W017	3/16/2006	82.71	84	84	2"	1030	N/A	700(N)	61.50	61.50	83.92	LW	OK	OK	OK	OK
W018	9/8/2006	82.1	81	81	2"	1130	N/A	700(N)	61.48	61.48	80.96	LW	OK	OK	OK	OK
W019	9/8/2006	58.33	75.85	80												
W020	9/8/2006	85.82	75.7	79												
W021	9/7/2006	88.15	84.85	85	2"	1410	N/A	700(N)	67.62	67.62	84.80	LW	OK	OK	OK	OK
W022	9/8/2006	84.82	86.85	87	2"	1420	N/A	700(N)	64.39	64.39	86.92	LW	OK	OK	OK	OK
W023	3/16/2006	81.18	87.87	90	4"	1310	N/A	700(N)	59.90	59.90	87.89	LW	OK	OK	OK	OK
W024	3/16/2006	80.84	92	89.07	4"	900	N/A	700(N)	59.43	59.43	89.73	LW	OK	OK	OK	OK

GROUNDWATER MONITORING WELL GAUGING DATA
MARCH 2007 FORMER C-6 FACILITY GAUGING EVENT

Well ID	PREVIOUS MEASUREMENT DATE	PREVIOUS DEPTH TO WATER	INSTALLATION DEPTH	DATE	WELL DIAMETER	TIME	DEPTH TO WATER	MEASUREMENT POINT	TOTAL DEPTH	PERSONNEL	Components/Well Condition			
											Well Bottom	Well Box/Casing	Obstruction	Well Cap & Lock
0172006	0172006	61.45	90	3/30/07	4"	9:49	59.99	TOC(N)	89.95	LW	OK	OK	OK	OK
0172006	3/21/2006	61.35	90	3/30/07	4"	12:15	60.05	TOC(N)	84.90	LW	OK	OK	OK	OK
0172006	3/13/2006	61	90	3/30/07	4"	9:30	59.57	TOC(N)	89.30	LW	OK	OK	OK	OK
0172006	06/20/06	65.42	90											
0172006	3/13/2006	60.42	90	3/30/07	4"	10:15	58.78	TOC(N)	91.16	LW	OK	OK	OK	OK
0172006	09/05/06	42.5	0	04/27/07	TOC(N)	WELL'S	KEY TO	LOCK						
0172006	08/21/06	57.66	90	11	11	11	11	11						
0172006	12/4/2006	63.86	79											
0172006	12/9/2006	61.98	124											
0172006	2/02/2006	60.28	124	3/30/07	4"	10:10	59.90	TOC(N)	119.62	LW	OK	OK	OK	OK
0172006	NA	NA	125	3/30/07	4"	11:50	60.00	TOC(N)	123.21	LW	OK	OK	OK	OK
0172006	11/21/2005	60.82	125	7/30/07	4"	15:40	60.29	TOC(N)	121.5	LW	OK	OK	OK	OK
0172006	11/21/2005	62.88	125											
0172006	11/21/2005	60.4	125											
0172006	3/13/2006	60.87	118	3/30/07	4"	10:00	59.42	TOC(N)	114.51	LW	OK	OK	OK	OK
0172006	08/20/06	61.47	117.5	3/30/07	2"	12:55	61.35	TOC(N)	116.71	LW	OK	OK	OK	OK
0172006	07/20/06	59.94	119	3/30/07	4"	8:30	58.55	TOC(N)	118.80	LW	OK	OK	OK	OK
0172006	07/20/06	62.28	126											
0172006	01/12/2006	61.9	117	3/30/07	2"	12:00	61.37	TOC(N)	114.11	LW	OK	OK	OK	OK
0172006	11/20/2006	60.12	128											
0172006	11/22/2006	61.51	131											
0172006	07/20/06	64.48	128	3/30/07	4"	14:00	63.84	TOC(N)	126.91	LW	OK	OK	OK	OK
0172006	08/20/06	63.13	126											
0172006	3/13/2006	60.32	120	7/30/07	4"	8:15	58.70	TOC(N)	116.09	LW	OK	OK	OK	OK

GROUNDWATER MONITORING WELL GAUGING DATA
MARCH 2007 FORMER C-8 FACILITY GAUGING EVENT



WELL ID	PREVIOUS MEASUREMENT DATE	PREVIOUS DEPTH TO MATCH	PREVIOUS TOTAL DEPTH	INSTALLATION DEPTH	DATE	WELL DIAMETER	TIME	WIND (mph)	SURFACE POINT	DEPTH TO WATER	SECOND DEPTH TO WATER	TOTAL DEPTH	PERMONEIL	Comments/Wal Condition		
														Well Bottom	Well Box/Casing	Obstruction
10200001	3/15/2006	89.85	115	120	3/30/07	4"	915	N/A	70c(N)	59.70	59.70	116.11	LW	OK	OK	OK
10200002	11/21/2006	80.86	122.71	125												
10200003	3/16/2006	83.72	159.95	190												
10200004	9/7/2006	64.7	191.89	185	3/30/07	2"	1525	N/A	70c(N)	64.20	64.20	117.98	LW	OK	OK	OK
10200005	9/16/2006	82.78	184.53	185												
10200006	5/16/2005	62	186.85	185												
10200007	12/7/2006	61.59	86.53	89.5												
10200008	12/7/2006	61.53	89.98	90												
10200009	12/8/2005	65.2	75.38	75	3/30/07	2"	1430	N/A	70c(N)	64.85	64.85	75.21	LW	OK	OK	OK
10200010	12/4/2006	66.07	89.85	90	3/30/07	2"	1440	N/A	70c(N)	64.71	64.71	89.90	LW	OK	OK	OK
10200011	12/8/2006	55.08	77.88	78	3/30/07	2"	1450	N/A	70c(N)	64.74	64.74	77.70	LW	OK	OK	OK
10200012	12/4/2005	65.18	89.9	93	3/30/07	2"	1500	N/A	70c(N)	64.82	64.82	89.92	LW	OK	OK	OK
10200013	12/4/2006	65.27	76.59	71	3/30/07	2"	1510	N/A	70c(N)	64.92	64.92	76.63	LW	OK	OK	OK
10200014	12/4/2006	65.19	92.85	90	3/30/07	2"	1520	N/A	70c(N)	64.84	64.84	93.20	LW	OK	OK	OK
10200015	12/6/2006	61.78	90.65	90												
10200016	12/6/2006	61.36	87.24	90												
10200017	12/6/2006	60.5	116.4	117												
10200018	12/4/2006	64.6	121.34	121												
10200019	12/6/2006	60.4	117.6	117	3/30/07	4"	1550	N/A	70c(N)	60.50	60.50	117.98	LW	OK	OK	OK

GROUNDWATER MONITORING WELL GAUGING DATA
MARCH 2007 FORMER C-6 FACILITY GAUGING EVENT



WELL ID	PREVIOUS MEASUREMENT DATE	PREVIOUS DEPTH TO WATER	PREVIOUS TOTAL DEPTH	INSTALLATION DEPTH	DATE	WELL DIAMETER	TIME	TO BATH	EQUIPMENT	DEPTH TO WATER	DEPTH TO WATER	TOTAL DEPTH	PERSONNEL	Comments/Well Condition		
														Well Bottom	Observation	Well Cap & Lock
MWC023	3/15/2006	69.85	115	120												
MWC024	1/12/2008	90.66	123.71	185	3/30	4"	12:00	N/A	TOC,N	60.14	60.14	121.35	JA			
MWC001	9/6/2006	63.72	186.65	190	3/30	2"	14:15	N/A	TOC,N	63.22	63.22	185.93	JA			
MWC022	9/7/2006	64.7	191.88	195	3/30	2"	14:30	N/A								
MWC003	6/16/2006	62.78	164.59	185	3/30	2"	12:15	N/A	TOC,N	62.04	62.04	184.50	JA			
MWC004	6/15/2006	62	195.65	185	3/30	4"	13:30	N/A	TOC,N	61.29	61.29	184.25	JA			
RZMW001	12/7/2006	61.59	86.53	99.5												
RZMW006	12/7/2006	61.59	89.96	90	3/30	WELL VALUE	11:15	N/A	TOC,N	61.20	61.20	84.44	JA			
RZMW001A	12/6/2006	65.2	75.36	75												
RZMW001B	12/4/2006	65.07	88.93	90												
RZMW002A	12/4/2006	65.09	77.88	78												
RZMW005B	12/4/2006	65.18	89.9	93												
RZMW003A	12/4/2006	65.27	76.69	71												
RZMW002B	12/4/2006	65.19	92.85	90												
RZMW004	12/6/2006	61.76	90.65	90	3/30	4"	13:15	N/A	TOC,N	61.46	61.46	61.46	JA			90.65 V1 BOLT MISSING
RZMW005	12/6/2006	61.36	87.94	90	3/30	4"	14:45	N/A	TOC,N	61.09	61.09	88.16	JA			
RZMW001	12/6/2006	66.5	118.4	117	3/30	4"	11:30	N/A	TOC,N	60.10	60.10	116.30	JA			
RZMW002	12/4/2006	64.6	121.34	123	3/30	4"	13:00	N/A	TOC,N	64.17	64.17	121.22	JA			
RZMW003	12/6/2006	66.4	117.6	117												
RZMW008	12/4/2006	61.58	86.53	89.5	3/30	WELL VALUE	11:15	N/A	TOC,N	61.20	61.20	83.55	JA			

GROUNDWATER MONITORING WELL GAUGING DATA
MARCH 2007 FORMER C-6 FACILITY GAUGING EVENT



WELL ID	PREVIOUS MEASUREMENT DATE	PREVIOUS DEPTH TO WATER	PREVIOUS TOTAL DEPTH	INSTALLATION DEPTH	DATE	WELL DIAMETER	TIME	PW (gpm)	SAMPLING POINT	DEPTH TO WATER	SECOND DEPTH TO WATER	TOTAL DEPTH	Comments/Well Condition				
													Well Bottom	Well Bore/Casing	Destruction		
RL-03	3/15/2006	65.59	78.98	79													
DAC-F1	3/20/2006	63.84	98.05	90													
EWB01	NA	NA	NA	90													
MWB005	3/17/2006	61.28	85	85	3/30	4"	8:15	N/A	TC,N	60.05	60.05	87.60	JA				
MWB03	6/12/2006	65.11	89.81	92													
MWB06	9/12/2006	61.48	92.94	93													
MWB07	9/11/2006	58.77	90	92													
MWB012	3/15/2006	61.86	90.5	90.5	3/30	4"	12:30	N/A	TC,N	60.47	60.47	84.02	JA				TRANSFER
MWB013	9/7/2005	63.39	88.45	88.5													
MWB014	3/15/2006	61.54	86.5	88.5													
MWB019	2/8/2006	64.48	85.51	90.5													
MWB206	3/8/2006	58.2	89.5	120.5													
MWB27	9/11/2005	64.86	89.5	91.5													
MWB28	6/8/2006	65.01	80.2	93													
TMW_04	3/15/2006	60.8	84	80	3/30	2"	13:45	N/A	TC,N	59.29	59.29	77.0	JA				
TMW_06	3/15/2006	61.11	78.7	81	3/30	2"	12:45	N/A	TC,N	59.00	59.00	78.40	JA				
TMW_07	3/15/2006	65.71	84	84													
TMW_08	9/5/2006	62.1	81	81													
TMW_10	6/8/2006	58.33	79.86	80	3/30	2"	8:45	N/A	TC,N	57.80	57.80	77.70	JA				SOFT
TMW_11	9/9/2005	58.82	76.7	79	3/30	4"	8:30	N/A	TC,N	58.15	58.15	76.81	JA				CANNOT FIT I.P. BECAUSE TOO TIGHT
TMW_14	6/7/2006	66.15	84.85	85													
TMW_15	6/8/2006	64.82	86.85	87													
WCC_035	3/15/2006	61.16	87.87	90													
WCC_048	3/15/2006	66.84	92	89.87													

GROUNDWATER MONITORING WELL GAUGING DATA
MARCH 2007 FORMER C-8 FACILITY GAUGING EVENT



Well ID	PREVIOUS MEASUREMENT DATE	PREVIOUS DEPTH TO WATER	PREVIOUS TOTAL DEPTH	INSTALLATION DATE	WELL DIAMETER	TIME	MEASUREMENT POINT	DEPTH TO WATER	SECOND DEPTH TO WATER	TOTAL DEPTH	PERSONNEL	Comments/Well Condition				
												Well Bot/Casing	Obstruction	Well Cap & Lock		
WCC-065	9/7/2006	66.45	90													
WCC-065	3/21/2006	61.35	84.8													
WCC-075	3/13/2006	61	89.35													
WCC-095	5/6/2005	65.42	89.96	3/30	4"	1000	TDC, N	62.35	62.35	67.30	JA				TRANSPARENT	
WCC-125	3/13/2006	60.42	92													
XMW-06	0/6/2006	62.5	76.36													
XMW-19	9/9/2006	57.66	76.82	3/30	4"	1400					JA					
CWMD01	12/4/2006	63.69	124.35	3/30	4"	9:00	TDC, N	63.05	63.05	124.35	JA					
CWMD02	12/6/2006	61.98	124.07	3/30	4"	9:45	TDC, A	61.55	61.55	124.06	JA					
CWMD03	2/8/2006	60.28	118													
EWCD01	NA	NA	NA													
EWCD02	11/21/2006	60.82	126.24													
HWCD01	11/21/2005	62.65	114.62	3/30	4"	9:30	TDC, N	62.13	62.13	114.0	JA					
HWCD02	11/21/2005	60.4	115.77	3/30	4"	9:15	TDC, N	59.99	59.99	116.01	JA					
MWCD04	3/13/2006	60.87	113.85													
MWCD06	9/8/2006	61.47	116.6													
MWCD07	9/7/2006	59.94	118.88													
MWCD09	9/7/2006	62.28	119.6	3/30	4"	10:45	TDC, N	61.82	61.82	119.35	JA					
MWCD11	9/11/2006	61.9	112.33													
MWCD15	11/20/2006	60.12	126.42	3/30	4"	1100	TDC, N	59.80	59.80	120.31	JA					
MWCD16	11/20/2006	61.51	126	3/30	4"	10:30	TDC, N	61.03	61.13	127.93	JA					
MWCD17	9/7/2006	64.48	126													
MWCD21	9/8/2006	63.13	121.75	3/30	4"	10:15	TDC, N	62.64	62.64	125.5	JA					
MWCD22	3/13/2006	60.32	118.01													

For Mestmet



Tait Environmental Management, Inc.

Instrument Calibration Sheet

Project Name: FORMER C-6	Project #: EM-2727
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Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
3/12	8:00	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	LW/LA
3/12	8:00	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	LW/LA
3/12	830	MINI PARS	#1	HORIBA SUPRA	N/A	50.0	N/A	LW/LA
3/12	830	MINI PARS	#2	HORIBA SUPRA	N/A	50.0	N/A	LW/LA
3/13	715	HORIBA U-22	#1	BISCO	N/A	N/A	U-22	BISCO
3/13	718	HORIBA U-22	#77	BISCO	N/A	N/A	U-22	BISCO
3/13	730	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	LW/LA
3/13	730	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	LW/LA
3/14	650	HORIBA U-22	#1	AUTO PH4/D0.00	N/A	N/A	U-22	LW/LA
3/14	655	HORIBA U-22	#77	AUTO PH4/D0.00	N/A	N/A	U-22	LW/LA
3/14	650	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	LW/LA
3/14	710	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	LW/LA
3/15	645	HORIBA	#1	AUTO PH4/D0.00	N/A	N/A	U-22	LW/LA
3/15	650	HORIBA	#77	AUTO PH4/D0.00	N/A	N/A	U-22	LW/SR
3/15	635	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	LW/LA
3/15	640	SOLINST	STANIS	STEEL TAPES	25'	25.01	N/A	LW/SR
3/16	630	HORIBA	#1	AUTO 4.0/D00.00	N/A	N/A	U-22	LW/LA
3/16	640	HORIBA	#77	AUTO 4.0/D00.00	N/A	N/A	U-22	LW/LA
3/16	650	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	LW/LA
3/16	655	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	LW/LA
3/19	650	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	LW/LA

For Market



Tait Environmental Management, Inc.

Instrument Calibration Sheet

Project Name: <u>Former C6</u>	Project #: <u>EM-2929</u>
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Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
3/19	700	HORIBA	#1	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	LW/SA
3/20	6:35	HORIBA	#1	Auto 4.0/0.0 0%	N/A	N/A	U-22	LW/SA
3/20	6:40	HORIBA	#77	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	LW/SA
3/20	6:45	SOUNST	WRA	STEEL TAPE	25'	25.02	N/A	LW/SA
3/20	6:50	SOUNST	44249	STEEL TAPE	25'	25.02	N/A	LW/SA
3/21	700	HORIBA	#1	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	LW/SA
3/21	705	HORIBA	#77	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	LW/SA
3/21	700	SOUNST	WRA	STEEL TAPE	25'	25.02	N/A	LW/SA
3/21	705	SOUNST	44249	STEEL TAPE	25'	25.02	N/A	LW/SA
3/22	6:40	HORIBA	#1	Auto 4.0/0.0 0.0	N/A	N/A	U-22	LW/SA
3/22	6:45	HORIBA	#77	Auto 4.0/0.0 0.0	N/A	N/A	U-22	LW/SA
3/22	6:50	SOUNST	WRA	STEEL TAPE	25'	25.02	N/A	LW/SA
3/22	6:55	SOUNST	44249	STEEL TAPE	25'	25.02	N/A	LW/SA
3/22	810	SOUNST	N/A	STEEL TAPE	25'	25.01	N/A	STAN
3/22	815	HORIBA	1073	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	STAN
3/23	7:45	HORIBA	#1	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	LW/SA
3/23	750	HORIBA	#77	Auto 4.0/0.0 0.0%	N/A	N/A	U-22	LW/STAN
3/23	75f	SOUNST	WRA	STEEL TAPE	25'	25.02	N/A	LW/SA
3/23	758	SOUNST	44249	STEEL TAPE	25'	25.02	N/A	LW/STAN



Instrument Calibration Sheet

Project Name: FORMER C6 Project #: EM-2727

Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
3/26	645	HORIBA	#1	AUTO 4.0/0.0 0%	N/A	N/A	U-22	W/LA
3/26	650	HORIBA	#77	AUTO 4.0/0.0 0%	N/A	N/A	U-22	W/LA
3/26	655	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	W/LA
3/26	6700	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	W/LA
3/27	650	HORIBA	#1	AUTO 4.0/0.0 0%	N/A	N/A	U-22	W/LA
3/27	655	HORIBA	#77	AUTO 4.0/0.0 0%	N/A	N/A	U-22	W/LA
3/27	700	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	W/LA
3/27	705	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	W/LA
3/28	750	HORIBA	#77	AUTO 4.0/0.0 0%	N/A	N/A	U-22	W
3/28	800	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	W
3/30	800	SOLINST	WRA	STEEL TAPES	25'	25.02	N/A	W
3/30	805	SOLINST	44249	STEEL TAPES	25'	25.02	N/A	W



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

QA/QA Sample Identification Form

Project Name: Former C-6 Project #: DM 2727

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/23	N/A	TRIP BLANK TB-TMT	032307-0001	C-6	N/A	8260	N/A	CU	
3/23	0815	DECON BLANK DB-TMT	032307-0001	C-6	N/A	8260	N/A	CU	
3/23	0905	FIELD BLANK FB-TMT	032307-0001	C-6	N/A	8260	N/A	CU	
3/23	0805	EQUIP BLANK EB-TMT	032307-0001	C-6	N/A	8260	N/A	CU	
3/24	N/A	TRIP BLANK TB-TMT	032607-0001	C-6	N/A	8260	N/A	CU	
3/26	1515	EQUIPMENT BLANK EB-TMT	032607-0001	C-6	N/A	8260	N/A	CU	
3/26	1520	FIELD BLANK FB-TMT	032607-0001	C-6	N/A	8260	N/A	CU	
3/26	1530	DECON BLANK DB-TMT	032607-0001	C-6	N/A	8260	N/A	CU	
3/26	1640	MINI 002 - W/ 032607-0001		C-6	N/A	8260	N/A	CU	
3/26	1642	MINI 002 - W/ 032607-0001		C-6	N/A	8260	N/A	CU	
3/27	N/A	TRIP BLANK TB-TMT	032707-0001	C-6	N/A	8260	N/A	CU	
3/27	1540	EQUIP BLANK EB-TMT	032707-0001	C-6	N/A	8260	N/A	CU	
3/27	1550	FIELD BLANK FB-TMT	032707-0001	C-6	N/A	8260	N/A	CU	
3/27	1600	DECON BLANK DB-TMT	032707-0001	C-6	N/A	8260	N/A	CU	



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

QA/QA Sample Identification Form

Project Name: Former C-6 Project #: EM-2727

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/13	N/A	TRIP BLANK	TB-TMT 031307-0001	C-6	N/A	8260	N/A	LW	
3/13	745	DECON BLANK	DB-TMT 031307-0001	C-6	N/A	8260	N/A	LW	
3/13	800	EQUIPMENT BLANK	EB-TMT 031307-0001	C-6	N/A	8260	N/A	LW	
3/13	920	FIELD BLANK	FB-TMT 031307-0001	C-6	N/A	8260	N/A	LW	
3/14	N/A	TRIP BLANK	TB-TMT 031407-0001	C-6	N/A	8260	N/A	LW	
3/14	810	DECON BLANK	DB-TMT 031407-0001	C-6	N/A	8260	N/A	LW	
3/14	800	EQUIPMENT BLANK	EB-TMT 031407-0001	C-6	N/A	8260	N/A	LW	
3/14	1030	FIELD BLANK	FB-TMT 031407-0001	C-6	N/A	8260	N/A	LW	
3/14	1042	N/A	WCC-SS-WG 031407-0001	C-6	N/A	SUB COC	N/A	LW	
3/14	1135	N/A	WCC-021-WG 031407-0001	C-6	N/A	SUB COC	N/A	LW	
3/14	1442	N/A	TMN-10-WG 031407-0001	C-6	N/A	SEE COC	N/A	LW	
3/14	1555	N/A	TMN-15-WG 031407-0001	C-6	N/A	SUB COC	N/A	LW	
03/15	N/A	TRIP BLANK	TB-TMT 031507-0001	C-6	N/A	8260	N/A	LW	
03/15	7:00	EQUIPMENT BLANK	EB-TMT 031507-0001	C-6	N/A	8260	N/A	LW	
03/15	7:15	DECON BLANK	DB-TMT 031507-0001	C-6	N/A	8260	N/A	LW	



Tait Environmental Management, Inc.
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QA/QA Sample Identification Form

Project Name: <u>Former C6</u>		Project #: <u>CM-2729</u>							
Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/5	900	FIELD BLANK	FB-TAIT031507-0001	C-6	N/A	8260	N/A	W	
3/16	N/A	TRIP BLANK	TB-TAIT031607-0001	C-6	N/A	8260	N/A	W	
3/16	1300	EQUIPMENT BLANK	EB-TAIT031607-0001	C-6	N/A	8260	N/A	W	
3/16	1310	DECON BLANK	DB-TAIT031607-0001	C-6	N/A	8260	N/A	W	
3/16	1150	FIELD BLANK	FB-TAIT031607-0001	C-6	N/A	8260	N/A	W	
3/16	815	WELL	NW0212-W9031607-0001	C-6	N/A	SES COC	N/A	W	
3/16	1049/1016	MWB009	MWB009-W9031607-000/0002	C-6	N/A	SES COC	N/A	W	
3/16	1145	WDM BL-03	W9031607-0001	C-6	N/A	SES COC	N/A	W	
3/19	910	FIELD BLANK	FB-TAIT031907-0001	C-6	N/A	8260	N/A	W	
3/19	N/A	TRIP BLANK	TB-TAIT031907-0001	C-6	N/A	8260	N/A	W	
3/19	700	DECON BLANK	DB-TAIT031907-0001	C-6	N/A	8260	N/A	W	
3/19	715	EQUIP BLANK	EB-TAIT031907-0001	C-6	N/A	8260	N/A	W	



Tait Environmental Management, Inc.
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QA/QA Sample Identification Form

Project Name: *Forcive C-6* Project #: *EM-2727*

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/20	N/A	TRIP BLANK TB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/20	1000	FIELD BLANK FB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/20	1040	EQUIP. BLANK EB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/20	1045	DECON BLANK DB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/20	1505	FIELD BLANK FB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/21	1515	EQUIP. BLANK EB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/21	1525	DECON BLANK DB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/21	N/A	TRIP BLANK TB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/22	N/A	TRIP BLANK TB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/22	830	FIELD BLANK FB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/22	720	EQUIP. BLANK EB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/22	730	DECON BLANK DB	TMT032207-0001	C-6	N/A	8260	N/A	LW	
3/22	1125	COMPOSITE	W79032307-0001	C-6	N/A	SO5 COC	N/A	LW	
3/22	1255	I	W79032307-0001	C-6	N/A	SO5 COC	N/A	LW	



Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

QA/QA Sample Identification Form

Project Name: FORMER C-6 Project #: EM 2727

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/28	N/A	TRIP BLANK	TB-TAIT032807-0001	C-6	N/A	8260	N/A	CW	
3/28	1405	EQUIP BLANK	EB-TAIT032807-0001	C-6	N/A	8260	N/A	CW	
3/28	1610	DECON BLANK	DB-TAIT032807-0001	C-6	N/A	8260	N/A	CW	
3/28	1615	FIELD BLANK	FB-TAIT032807-0001	C-6	N/A	8260	N/A	CW	
3/28	1435		IR22MN1004-WG032807-0001	C-6	N/A	SEE COC	N/A	CW	
3/28	1022		CMN1026-WG032807-0001	C-6	N/A	SEE COC	N/A	CW	
3/28	1127		IR22CMN1008-WG032807-0001	C-6	N/A	SEE COC	N/A	CW	
3/28	1305		EM10002-WG032807-0001	C-6	N/A	SEE COC	N/A	CW	
3/28	1555		IR22B0095-WG032807-0001	C-6	N/A	SEE COC	N/A	CW	
3/28	910		IR22B0087-WG032807-0001	C-6	N/A	SEE COC	N/A	CW	
3/28	1307	EM10002 EM10002 EM10002	EM10002-WG032807-0002	C-6	N/A	SEE COC	N/A	CW	



A K2 Industrial Services Company
 CA Contractor's License No. 830956
 1411 W. GAYLORD STREET, LONG BEACH, CA 90813
 562.786.6200 FAX 562.786.6299

TRANSPORTATION SERVICE ORDER

DATE: 03/27/07

SERVICE ORDER # 501690 -

CUSTOMER
 Name: TAIT ENVIRONMENTAL Job Location: TORRANCE
 Address (BILLING): 701 N. PARKER HIGHWAY DR. City: SANTA ANA CA Zip: 92705
 Ordered by: CLAYTON Company: TAIT P.O. #: EM-2690

DRIVER
 Name (PRINT): FARZAD CORDOVA Signed: F. CORDOVA
 Truck #: 4326 Trailer #: 11051 Size/Type: 100-B Job Number: 40098

SERVICES
 Services performed: _____
VACUUM T. SERVICE TO PUMP FLUSH
STAKEBED, TANK AND TRANSPORT LOAD TO
D.K.

TIME	MANIFEST #:	DISPOSAL #:	Start: _____ AM/PM	Stop: _____ AM/PM	Gross Time: _____ HRS.
	# <u>N/A</u>	# _____	MEALS:	Start: _____ AM/PM	Stop: _____ AM/PM
	# Loads: _____	Qty: _____	Other Time: _____	Less: _____ HRS.	
BBL: _____ Gal: <u>3000</u> Tons: _____ Yards: _____			Add/Deduct		Total: _____ HRS.

SITE
 Time In: _____ Time In: _____ Time In: _____ Stop Miles: _____
 Start Miles: _____
 Time Out: _____ Time Out: _____ Time Out: _____ Miles Driven: _____

	QTY.	U.O.M.	RATE	EXT.		QTY.	U.O.M.	RATE	EXT.
D					Disposal				
E					Washout				
S					Roper Pump				
C					Bin Liner				
R					Surcharge				
I					PVC Stingers				
P									
T									
O									
N									

Authorized & Approved by: [Signature] Title: Superior **TOTAL CHARGES: \$**

If invoice is not paid within 30 days, interest shall commence accruing at 1.5% per month. Should suit be commenced to collect any portion of this invoice, KM Industrial, Inc. shall be entitled to any cost deemed reasonable by the court including attorney fees.

OFFICE (White) • PAYROLL (Green) • BILLING (Yellow) • BILLING (Pink) • CLIENT (Gold)